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## Galloway Money Saving Order Blank-USE IT NOW-The Galloway Co.-Waterloo, Iowa

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Money Back Guarantee

We guarantee satisfaction or your money back. After you get any machine or any merchandise from us, you can look it over or try it out and then if you do not wish to keep it you can return it and whatever settlement you have made will be refunded in full, together with freight both ways.





## e Challeng TheWORLD

Yes, sir, we challenge the world to produce a better cream separator than the New Galloway Ball Bearing Masterpiece at any price.

We challenge the farmers and dairymen of America to find a better cream separator any place, regardless of who makes it or how much money they are asking for it.

We come right out in the open and offer to match this New Masterpiece Model against any other cream separator made, regardless of price.

The Galloway factories have been building—and building every day—cream separators by the hundreds for many, many years. There are over 100,000 Galloway Cream Separators in actual use on the best farms in America today. The Galloway factories have the benefit of all these years of experience in cream separator building, the benefit of the knowledge of men who have made cream separator building their life work and study, the benefit of the latest and best machinery and manufacturing methods, the benefit of quantity buying at the biggest discounts available on the highest quality raw materials to be obtained.

Why shouldn't we build just as good a cream separator as anybody—

or, in fact, a little better than many others.

#### **Just Notice These New Features!**

NEW BALL BEARING CONSTRUCTION \* \* \* NEW EXCLUSIVE BUILT-IN SPINDLE \* \* \* NEW DESIGN LOW SPEED DETACHABLE BOWL \* \* COMPLETE AUTOMATIC OILING SYSTEM \* \* \* COMPLETELY COVERED OR ENCLOSED GEARS \* \* \* NEW STYLE POSITIVE ACTION CLUTCH \* \* \* NEW ACCURATE BELL SPEED INDICATOR \* \* \* EXTRA HEAVY SHEET STEEL TINWARE \* \* \* SANITARY DRIP PLUG IN DRIP PAN \* \* \* BEAUTIFUL GREEN LUSTRE FINISH WITH GOLD TRIMMINGS \* \* \* WRITTEN LIFETIME GUARANTEE WITH EVERY SEPARATOR.

#### Don't Overlook These Points

While close skimming, easy turning and easy cleaning are the big points to watch in buying a new cream separator, here are a few other important features on the New Masterpiece Model—little points—but very much worth having.

Our big capacity milk supply tank is pressed out of one-piece heavy gauge steel. Just slide it back a trifle on the bracket and you can remove the bowl

The cream pail shelf and bowl vise are combined in one piece and hinged on the side of the drip pan so it can be raised or lowered out of the way.

The crank is only 10½ inches long—this short crank is located at exactly the proper height on the machine to keep from breaking your back in the bending motion.

The May Masterniece stands on a strong, sub-

The New Masterpiece stands on a strong, substantial pedestal—no spindly or wobbly legs—it is easy to clean under as well as around.

The complete machine has smooth rounding surfaces on the outside with no sharp corners or cracks where dirt or dust can collect.

We Challenge Them All On Price, Too ....

The New Model Masterpiece is the The New Model Masterpiece is the lowest priced separator in the world in its class. You can't touch any separator equal to it in quality without paying \$20.00 to \$50.00 more than we ask for the New Galloway Masterpiece. There's nothing mysterious about our low price, however. The tremendous increase in volume which this new model separator is bringing. this new model separator is bringing, the decrease in manufacturing over-head and our system of Direct-Selling —From-Factory-To-Farm make our low price possible. The factory price is always the lowest. When you buy direct from the factory, you make a saving of the middlemen's expenses and profits. That's why we challenge them all on price, too.



W. H. NEELEN, PUKWANA, SOUTH DAKOTA, BACKS UP OUR CHALLENGE WHEN HE WRITES:

"Our New Galloway Masterpiece Separator does as nearly perfect work at skimming as can be done by any separator made. We saved almost half the cost of what they were asking us for a cream separator here and after try-ing both kinds, side by side, we chose the New Galloway because its work was equal to any other separator and cost a lot less money."

CHARLES R. ROSE, MAHASKA, KAN-SAS, BACKS UP OUR CHALLENGE WHEN HE WRITES:

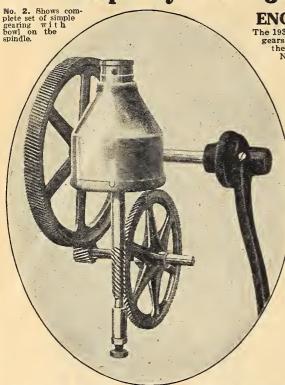
"We saved \$40 on the price of our New Model Galloway Ball Bearing Separator when we bought it and since that the extra cream we bought it and since that the extra cream saving has amounted to considerable. Our new-separator skims just as close—we think closer—than any of the high priced machines around here. Our cream test runs very good and even all the time."

ROBT. F. LANHAM, WEST GROVE, IOWA, BACKS UP OUR CHALLENGE WHEN HE WRITES:

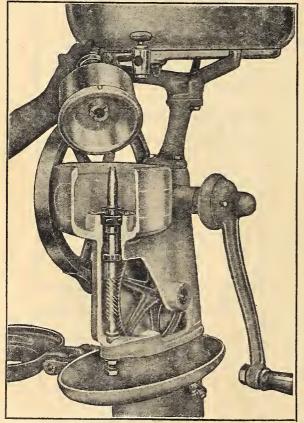
"We looked at several high priced separa-tors before we bought the New Galloway Ball Bearing Masterpiece. We could not have made a better choice because the New Galloway turns so easy and is so easy to clean. There has never been a bit of cream on our skim milk since we got this new model separator."

## BEST AND LATEST FEATURES

Simplicity of Design---Well-Balanced Construction



No. 4. The picture below shows a cut-out view of the Masterpiece Separator with the spindle in the machine and the bowl ready to be set on. Note the cover over the upper ball bearing and note the lock stud collar on the spindle which holds it in the machine.



There is a sanitary drain plug in the drip pan located below the lower spindle bearing—invisible in picture above but very bandy. Don't overlook binge on cream pail and bowl vise shelf which lets you lower it out of the way.

#### **ENCLOSED GEARS--Quiet and Smooth**

The 1930 model Ball Bearing Masterpiece has completely enclosed or covered gears. Perfectly safe even where children are around. No separator on the market has a more simple or more efficient set of gears than this New Galloway Model. There are only three gears, each one helical cut so that their special design offsets all side thrust and eliminates friction as far as possible.

This entire simple gear system is supported by one complete casting called the gear case which always keeps them in perfect alignment. These gears mesh smoothly together and run very quietly. They are automatically oiled and help to make the New Masterpiece the easiest turning separator you ever used.

#### New Detachable Bowl

The bowl and spindle of the New Masterpiece Model are in two separate pieces. The spindle is built into the machine and stays in—the bowl lifts off of the spindle and is easily set back on again. This new improved design bowl has a special method of delivering milk to the discs at the bottom of the bowl which gives full skimming capacity and highest efficiency at all times. The New Galloway bowl has fewer discs—less discs to wash but the construction and design are such that every disc gets its full share of skimming to do and they skim as close as machinery can be made to skim.

New Heavy Tinware

The New 1930 Masterpiece has extra heavy tinware pressed out of solid sheet steel. The supply tank is very substantial, roomy, non-splash and does not have a crack or crevice in it. The milk and cream spouts, as well as other tinware, are made of heavier metal than formerly and constructed to give the best and longest service possible. All tinware parts are heavily tinned in our factory by our own special process.

#### **New Built-In Spindle**

The new style built-in spindle is exclusive on the Galloway Masterpiece—none other like it. It is simply but sturdily built right luto the machine and while it can be easily removed, it need never be taken out even for cleaning or oiling. The notch in the top of the spindle fits over a cross pin in the base of the bowl bottom which prevents slipping and assures full turning of the bowl at all times. The spindle is automatically oiled from within.

#### **Automatic Oiling System**

The New Masterpiece Separator runs easier and will wear longer because it is properly and constantly oiled. Its automatic oiling system starts the minute you turn the crank and furnishes constant lubrication to all bearings and every working or wearing part. Oil is easily changed by draining out of the pet cock and refilling through an outside plug. It is only a minute's job to change the oil and when the machine is running you can be sure it is being properly oiled without any attention on your part.

#### **New Speed Indicator**

The New 1930 Galloway Masterpiece comes equipped with a special design bell type speed indicator device. It fits on the end of the crank handle and the bell rings clearly until you get the separator up to proper speed when it quits ringing. This is a positive and sure method of keeping the machine up to proper speed which prevents any loss of butter fat and gives you an even cream test.

Ball Bearing Construction

Ball-bearing construction has been adopted on the New Masterpiece in a practical manner. Hundreds of tests were made will ball bearings fitted in every place where a ball bearing could possibly be used—and wherever these tests showed that ball bearings would add anything to the efficiency, ease of turning or life of the separator, you will find one on the New Masterpiece Model. The main upper spindle bearing is fitted on the spindle over a bronze sleeve—it can be taken off easily and replaced with a new one if necessary.

#### Positive Action Clutch

The new improved Galloway clutch is very simple—but it works. It has an absolutely positive catch. It is made of forged steel and has three catches to each revolution of the crank. Can be used with power pulley the same as by hand.

#### **Beautiful Luster Finish**

You can't find a separator with a more graceful design or a more beautiful finish than the Galloway Masterpiece. Special attention was given to producing a beautiful, permanent finish—it is the latest green shade with dainty trimmings in gold. The New Masterpiece is America's most beautiful separator.

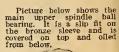
#### **Accessories Free**

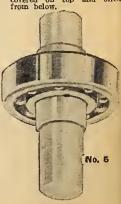
A complete set of accessories is included free with every Galloway Separator. Brushes for cleaning spouts and tinware, screw driver, wrench, oil can, a quart of the very best cream separator oil and also an extra rubber ring. They are packed right in the box when you get the new separator.



Above shows the New Masterpiece detachable bowl as it appears when lifted off of the spindle. It will set on the table or any flat surface without leaking milk.







## POWER DRIVEN SEPARATORS!

#### The Electric Model

All four sizes of Galloway Masterpiece Separators are furnished completely equipped for operating with any kind of electric current. These electric model separators are ball bearing in construction, and have all of the features of the hand-turning model. In addition, they are equipped with special pulley and attachments as well as special shelf upon which the motor is mounted. They come completely assembled. You just turn the switch and the motor starts the separator and brings it up to proper speed. The motor attachments do not interfere with the use of the hand crank which stays on the machine and which can be used for hand turning any time you want to.

The Electric Motor is the ideal power for operating a cream separator—it supplies an even, steady pull which reduces wear and tear to the minimum and it saves you time and work. Motors are priced separately below so that you can buy the electric model separator without motor in case you already have one. If you have no motor, be sure to add the price of the motor for the kind of current you have.

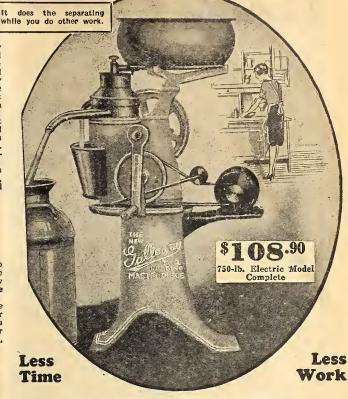
you have.
NOTICE—The pulley on the pinion shaft of the Galloway Electric Model is equipped with a ratchet so that if the power is shut off while you are separating, the machine will run down naturally, or you can take hold of the crank and finish the separating by hand.

## You Can Equip Your Own Galloway

We furnish motor attachments at price quoted below to old customers who wish to equip their hand turning Galloway Separators for electric operation. The simple instructions furnished with each set of motor attachments tell you how to easily put them on your old separator. The set of attachments does not include the motor, which you will have to buy separately if you do not have one. If you buy a motor driven separator complete, be sure to give us complete description of your electric current. If you buy a separator or attachments for use with your own motor, be sure to give the speed at which your motor runs and the diameter of the pulley on the motor shaft. If the pulley on the motor shaft requires a flat belt, tell us the width of the belt—if it requires a round belt, give us the diameter of the belt.

#### **Prices on Electric Models**

New Masterplece Model	Order	3, 6, 9 Mo.	Easy Pay'ts			
No. 6, 375 lbs. Cap. No. 8, 500 lbs. Cap. No. 10, 750 lbs. Cap. No. 12, 950 lbs. Cap.	\$ 70.90 82.90 92.90 104.90	\$ 74.45 87.05 97.55 110.15	\$ 78:00° 91.20 102.20 115.40			
Set of Motor Attachments only, to fit your Galloway Separator. \$17.50 Electric Motor, only, for 32 Volt Farm Light Plant, extra 21.50 Electric Motor, only, for 110 Volt Power Line, extra 16.00 Easy Payment Price—\$5 down and \$9 per month on any electric model separator.						



#### "JUST TURN THE SWITCH—THAT'S ALL" EQUIPPED WITH WESTINGHOUSE MOTOR

We furnish genuine WESTINGHOUSE MOTORS only—standard the world over. They give best and longest service with least attention. Can furnish motor for any kind of high tension power line current or farm light plant current. Be sure to tell us what kind of current you have. Motors priced separately so you can use your own or buy of us as you please.

### COMPLETE ENGINE-POWER OUTFIT Low Priced, Practical, Handy Outfit

This complete engine power outfit is offered to you in any of our four sizes of Masterpiece Cream Separator and priced at no more money than others ask for the same capacity cream separator alone. This outfit works like a top—it is handy—and it is satisfactory. Engine starts separator and gradually brings it up to correct speed by means of our patented pick-up-speed pulley. This pulley can quickly be removed from the drive shaft and hand crank which we furnish put on if you ever want to operate the separator by hand. The little power stand serves as a "go-between" and keeps vibrations

from the engine off the separator. This power stand can be bolted to the ceiling, side wall or floor and used like an ordinary line shaft. The engine can be used to operate many other things, such as washing machine, small wood saw, pump, etc.

The outfit is priced complete including any sized Masterpiece Separator, pick-up-speed pulley, 20 feet of rubber belt, power stand, and 1¼-H.P. Handy Andy Engine or you can purchase any of the individual pieces, as priced separately below.

#### Crank Furnished

The regular hand crank is furnished with The regular hand crank is furthered we ach complete power outfit and you can take the pick-up-speed pulley off of the crankshaft and put the crank on it in a couple of minutes' time, thus making it possible to either finish or do your separating by "armstrong" power if you wish or if necessity requires.

#### **Engine-Power Prices**

$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
20-ft. Belt only       \$ 3.40         Power Stand only       7.50         Pick-up-Speed Pulley only       3.50         1½ H.P. Engine only       36.90
Easy Payment Price-\$5 down and \$12 per

month on any size engine power outfit.

The Early Order Discount Check on inside front cover gives you special cash discount on the electric models and engine power separator outfits the same as on the hand turning separators, if used before its expiration. Fill out Certificate and send with your separator order as 20 ft. Rubber Belt FREE With This Combination Outfit with your separator order as so much cash. Our Big No. 10—950-lb. Capacity Separator Outfit, Engine and all as shown, for only .....





Hand Turning Separators	No. 1— Cash With Order	No. 2— Bank Deposit	No. 3—Note 3, 6, 9, 12 Mos.	No. Price	4—Installme	
No. 6, 375 lbs. Cap. No. 8, 500 lbs. Cap. No. 10, 750 lbs. Cap. No. 12, 950 lbs. Cap.	67.90 77.90	\$56.90 68.90 78.90 90.90	71.30 81.75		5.00	\$6.00 7.00 8.00 10.00

The Early Discount Check on Inside front cover can be sent as so much cash on these prices before its expiration date,

#### MOTOR DRIVE SEPARATORS

				•	All	Install-
No.		5		Cash	Note	ment
6-375	lb.	size	Separator with	(\$ 70.90	\$ 74.45	\$ 78.00
8500	lb.	size	attachments	82.90	87.05	91.20
10750	lb.	size	ready to set	92.90	97.55	102.20
12-950	lb.	size .	without motor.	104.90	110.15	115.40

#### DOWN AND \$9.00 PER MONTH

Any of the four sizes of complete motor drive separators will be sent to you on a down payment of \$5.00 and the balance of the price is payable at the rate of \$9.00 per month until paid for.

Motor Attachments only	\$17.50
Motor extra, 32 volt A. C.	
Motor extra 110 volt A. C.	16.00

Prices are f. o. b. Waterloo, Council Bluffs, St. Paul, Ch Be sure to address all mail to The Galloway Company,

#### If You're in a Hurry, Telegraph the Order

We always try to ship promptly—in most cases the same day the order eaches us. If you are in a big rush, however, have your banker wire us that he is sending your money and tell us what size to ship, where and who to ship it to and we will send the separator right out by express without waiting for your order to reach us.

EASY TO UNPACK Every separator comes almost completely assembled, packed in a box, plainly marked so you can see which side to open. The separator is easily taken out and the remaining parts put on. Simple complete instruction book comes with every machine. You will not have the least bit of trouble in unpacking or getting the separator ready to use.

REPAIRS You will not need many repairs—but if you ever do need any you can get them quickly. We give repair orders preference. We keep a complete stock of separator repair parts in our main office. Practically every order goes out by mail a few minutes after it is received. We even send repairs by air mail in emergency cases.

#### ENGINE POWER SEPARATORS

						All	Install-
No.				*	Cash	Note	ment
6-	-375	lb.	size `	Separator, belt,	(\$101.80	\$106.90	\$112.00
8	-500	lb.	size	pulley, power	113.80	119 50	125.20
10-	-750	lb.	size	stand and 1 1/4	123.80	130.00	136.20
12-	-950	lb.	size	H. P. engine.	135.80		149.40

#### **DOWN AND \$12.00 PER MONTH**

The four sizes of complete engine power outfits will be sent for a down payment of \$5.00 and the balance payable at the rate of \$12.00 per month.

20 ft. Belt only\$	3.40	١
Power Stand only	7.50	
Pick-Up-Speed Pulley only	3.50	
1¼ H. P. Engine only	6.90	
Chicago, Kansas City, whichever is nearest to you		
ny, Waterloo, Iowa, and not to warehouse points.		

Every Masterpiece Cream Separator is guaranteed for the Separator is guaranteed for the lifetime of the machine in writing—against any defect in maing—against any defect in mainterial or workmanship. This terial or workmanship to workmanship the series of the workmanship and the read of the series of the workmanship is a sour means we will replace at our means we will replace at our means we will replace a sour without salver and the series of th

Brings any size separator to you for 90 days' trial. Balance payable in small monthly installments. EXAMPLE

After deducting the \$5.00 down payment from the installment price of \$74.70 on the No. 8 size, there would be a balance of \$69.70 payable \$7.00 per month. This would take nine payments of the payment o

nine payment s of \$7.00 each and make the last payment \$6.70.



#### New 1930 Model Tops All Others for Construction Features, Improvements, Quality, Strength and Satisfaction

The new 1930 model Galloway Spreaders lead the entire field for special features, new improvements, simplicity of design, strength of construction and all around working satisfaction. These new model Spreaders are the product of twenty-five years of manure spreader building. We started out years ago building a few machines by hand—later we developed and brought out the famous Galloway Wagon Box Spreader, the success of which built our first factory. Today the Galloway Manure Spreader Factory is one of the largest in the country. It is equipped with latest type machinery, buying and volume production, has been added the benefit of these twenty-five years of experience in manure spreader building. Our direct dealing with from the men who know because they are the ones who use the machines in the field.

The result of this twenty-five years of spreader building—this twenty-five years of direct dealing and this twenty-five years of improving and perfecting every point and detail, has brought the production of our new Waist-High Model Spreader.

#### BEATS 'EM ALL FOR EVEN SPREADING

It is very easy to set the new Galloway Model so as to spread thin or thick as you please—but no matter how you set it, the spreading is even. The Galloway patented force feed board keeps the load packed in the box all the way back—the beater has a full height load to work on clear to the last forkful—the spreader machinery handles this perfectly and runs so close to the ground that you get a good even coat of manure in spite of rough fields or windy days. The even spreading feature of this new model makes your fertilizer go farther and gives your land the last ounce of benefit.

#### BEATS 'EM ALL FOR LOW DOWN

These new model Galloway Spreaders are only waist-high—lower down than any other spreader on the market today—to be exact, only 39 inches high to top of box at center. This means that they are much easier and more quickly loaded. They are also easier to handle and the business end of the spreader runs closer to the ground. The ordinary school boy can throw a full load on the new Galloway because it is less than shoulder high to the average 10-year-old farm boy. If you want a LOW DOWN MACHINE the new Galloway has them all best. old farm boy. them all beat.

#### BEATS 'EM ALL FOR EASY PULLING

The light draft of the new model Galloway Spreader is one of its biggest and best features. Box has just the proper amount of slope to the rear. The design balances the load perfectly between the front and rear axles and the correct placing of the hitch for the team all help to make a very easy pulling spreader. In addition, the simple, easy working feed mechanism, our patented method of applying power from both rear wheels to both ends of the beater and our "sure-shot" Alemite Zerk greasing system all combine to make this new Galloway the lightest draft spreader for its size on the market.

SAVES YOUR

TIME

This fast spreading Galloway will cover more acres in one day than you can do in four by the hand method.

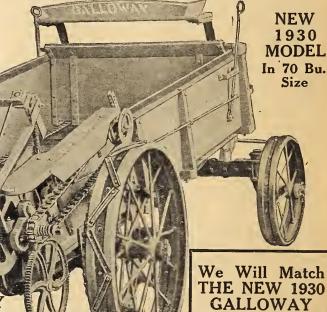
SAVES **FERTILIZER** 

The same amount of manure spread by the new Galloway will cover about twice as many acres as by the hand methodand give every acre about 50% more benefit.

The time saved, the fertilizer saved and the extra crops produced by using the new Galloway Spreader will practically pay for the cost of the machine for every 40 acres you spread.

#### CONSTRUCTION DETAILS THAT ARE MIGHTY IMPORTANT TO YOU

Double chain drive from both rear wheels to both ends of beater—one-hand Alemite Zerk greasing system—new model Whirlwind Wide Spread Attachment with deflector board—all steel beater with teeth riveted in—special design double dog on feed mechanism prevents slipping of ratchet—feed lever regulates spreading from 4 to 24 loads per acre—continuous drive differential keeps spreader operating while turning and gives perfect adjustment of drive chains—drive chains cannot slip or jump off of drive sprockets while operating—throws in and out of gear with lever at driver's seat—extra heavy flanged and grooved tires with spoke heads protected and continuous traction cleats—heavy steel underframe with hard wood cross members on box—new exclusive equalizer on front trucks absorbs twisting strains—patented force feed end gate board keeps load packed all the way through —solid bottom box—substantial side panels with heavy steel top rail—substantial wide foot rest and comfortable driver's seat.



**SPREADERS** 

Against Any

Other Make

## THE GALLOWAY HAS H Important Features

The new 1930 Model Galloway Spreader has all the important features. We don't mean the "gingerbread" or the "knick-knacks", but we do mean that this new spreader has every feature that is worth having or that has stood the test for practical use in the field.

The pictures on this page illustrate some of the more important features of the new Galloway Models. In addition to these features described here, we dont want you to overlook the Galloway patented force feed board, the

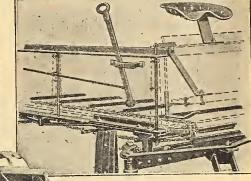
matchless, frictionless roller feed mechanism, the angle steel top rail, bolted matchess, frictioniess roller feed mechanism, the angle steel top rail, boiled securely to the heavy steel under-frame, the patented continuous drive differential which keeps spreader operating while turning around as well as giving perfect line adjustment to the drive chains, the long tooth pulverizer which presses the load down evenly to the beater and produces uniform spreading, the all steel beater with the most teeth which thoroughly pulverizes the manure and never wears out—in fact, the whole machine is well balanced in every detail. in every detail.

#### **Positive Double Chain Drive**

The spreading machinery on the new Galloway Spreader is driven by a double set of drive chains—power is supplied from both rear wheels. In the picture to the left we have cut away a part of the wheel so as to show the large drive sprocket and the steel chain which "wraps" over the top of it. This drive chain absolutely holds—no chance for it to jump off or slip. There is a drive sprocket on each rear wheel and a drive chain running to each end of the beater shaft. This supplies an abundance of even power and does away with all the pulling or twisting strain on the beater and spreading machinery. Both drive chains are controlled from the driver's seat—one lever throws both sides into gear or out of gear as you wish. These working parts are all covered with a shield to prevent your load from clogging up the machinery.

#### **Frame Construction**

From the picture at the right you will get a little idea of the heavy construction of the frame and side panels on the new Galloway Spreader. The under frame is all braced and trussed like a bridge. The heavy angle steel top rail is tied to the under frame by long bolts going down through the side cleats on the box. The new auto type front axle has a sort of "shock absorber" arrangement which helps to take the twisting and strain off of the box—but the frame construction is plenty able to stand all the hard usage you will give it.





The new Galloway Model standard Alemite Zerk fittings to all parts that need greasing. A one arm man can grease this new Galloway Spreader and do a sure, thorough job in a few minutes' time with the standard Zerk 6B grease gun. Greasing is made such an easy quick job that you can do it often which will make the machine pull easier, work nicer and wear much longer. The new Galloway Model

#### **Shortest Turning**

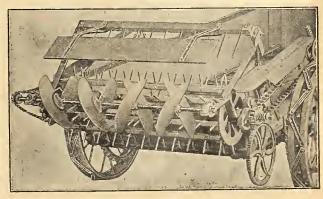
As shown in picture directly above, the new Model Galloway Spreader makes a square turn—practically a 90 degree angle. This is the shortest turn possible with the auto type axle. The exclusive Galloway design permits a much shorter turn than on most spreaders with this type of front trucks and on the new Galloway model the front wheels stay flat on the ground, parallel with each other and with the tongue at all times. The wheels do not twist up on the edge of the tire or skid in making a short turn.

#### New Whirlwind Wide Spreader

In the picture below we show you a new idea. Whirlwind wide spread attachment in combination with a deflector board forces every bit of the manure through the wide spread fans, giving it a chance to do its best work. The beater cannot throw over the wide spread even if your team is on the trot. Two sets of the wide spread fans throw one direction and two sets the other direction. They thoroughly pulverize the manure and spread it very evenly out beyond the wheel tracks. Runs low and close to the ground. Is all solid steel construction. Nothing to wear out or get out of fix. Adds very little to the draft. You can buy the spreader with or without it—that's why we quote it as extra equipment.

#### New Exclusive "Non-Whip" Auto **Axle with Shock Absorber**

Look at the picture above. Here's a new Galloway feature that's not only different but a lot better than any of the ordinary auto type front trucks. Galloway engineers got a bright idea—they discovered that a spreader is entirely different from an automobile because the automobile PUSHES FROM BEHIND and the spreader PULLS FROM IN FRONT. Other spreader manufacturers have overlooked this simple fact. The new "Non-Whip" auto axle on the Galloway Spreader is constructed on the right principle—that of pulling from in front, whereas most other spreaders are built on the wrong theory—the automobile idea of pushing from behind. There are fewer working parts on the Galloway front trucks, it is built sturdier, simpler, more practical and it works better. It is easiest for the team to handle, it turns the shortest, no chance of locking and it absolutely eliminates every bit of whipping from the tongue.



Efficient, Low-Priced Manure Spreader

# Special Wagon Box Spreader Converts Your Wagon Gears Into a Complete,

#### Prices on Box Spreaders

Plan No. 1— \$76.50 Cash with Order

Plan No. 2— Bank Deposit Plan No. 3— 3, 6, 9 or 12 Months' Note

Plan No. 3— 3, 6, 9 or 12 Months' Note Plan No. 4— \$10.00 down \$10.00 per Mo. 84.15

78.50

Metal bucket type seat regularly furnished, wide wood seat, \$1.00 extra. Alemite Zerk Grease Gun, \$2.50 extra if purchased with spreader. New Whirlwind wide spread attachment, \$10.00 extra F. O. B. WATERLOO ONLY.

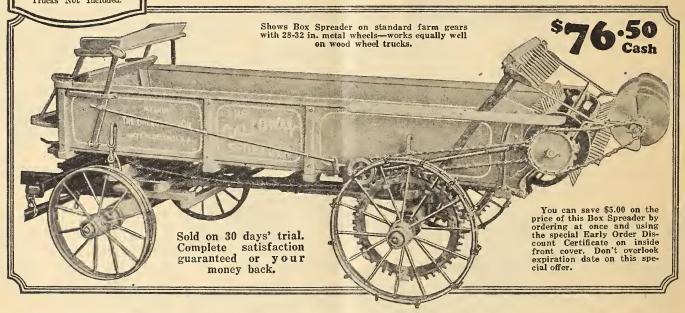
Trucks Not Included.

Twenty years ago the first Wagon Box Spreader ever built was exhibited at the Iowa State Fair. A large spreader manufacturer—one of our competitors—saw it and remarked, "If that Wagon Box Spreader will work, they will do the spreader business of the world."

WORK? We should say it did work, and they have been working ever since.

The Galloway Wagon Box Spreader has been a phenomenal success. There are nearly 100,000 in use today. Every one sent on 30 days' trial and guaranteed to be satisfactory or your money back. Could we keep doing this for twenty years if this box spreader did not work? No—never. The Galloway Famous Wagon Box Spreader is still the best and lowest priced spreader on the market.

This Wagon Box Spreader has the same substantial box construction as used on our latest spreader models. The box is made out of the best seasoned lumber with floor of smooth matched fir flooring and hard wood cleats and cross pieces. It is equipped with Alemite fittings for greasing. Has all steel conveyor, patented force feed board, all steel beater, angle steel top rail and independent hand control levers to throw in and out of gear and regulate adjustment of feed machinery and beater. Power is applied from both rear truck wheels by steel chain to both ends of the beater and the box spreader can be purchased with or without the whirlwind wide spread attachment as you please. Anyone without experience can easily adjust the box spreader to fit running gear.



All you have to do is bolt the drive sprocket to truck wheels—and set the box spreader on your trucks and you are ready to spread. When through you can set box off and trucks are ready for any other use. There is nothing to take to pieces or put together—we furnish everything you need.

#### Box Spreader Comes Complete

The box spreader comes complete as shown below which includes the two large drive sprockets for attaching to the rear truck wheels, the necessary bolts and attachment irons, also mud lugs to fasten to tires for purpose of furnishing traction. The box spreader is easily set on and off of your farm trucks the same as an ordinary wagon box. Trucks are not included at price quoted.



#### Made to Fit Your Farm Trucks Works on Metal or Wood Wheels

The Galloway Wagon Box Spreader is made to fit your farm trucks and works equally well on either wood or steel wheel gears. Picture shows wagon box on metal wheel truck with 28 in. front and 32 in. rear wheels.

SPECIFICATIONS—Box 38 inches wide, 17 inches deep, 120 inches long. Capacity 50 to 55 bushels, depending on how you load. Metal seat furnished as regular equipment. Wide wood seat at \$1.00 extra. Shipping weight 700 pounds. Be sure to tell us whether your trucks have metal or wood wheels.

#### READ THIS BEFORE ORDERING .

When ordering be sure to give distance between bolster stakes of your gear or trucks, height of rear wheels, width of tire, width of track measuring from center to center of tires, and state whether wheels are metal or wood.

#### GEARS FOR BOX SPREADERS

If you do not have an extra wagon gear we can furnish either the standard wagon trucks with wood wheels—or metal truck gear and ship same right with your box spreader. See page 21 for prices and description on various style gears.



#### Specifications

HEIGHT-39 in. to top of box at

center.

WIDTH TRACKS—4 ft. 11 in. The front and rear wheels track which helps to reduce the draft.

WHEELS—Front, 23 ½ in. high—rear, 36 in. high 5½ in. flanged and grooved tires with continuous cleats on rear wheels.

BOX — 38 in. wide, 17 in. deep, 120 in. long. Solid bottom of fir tongued and grooved flooring. Reinforced side panels with angle steel top rail. Painted two coats and varnished inside and out.

coats and varnished inside and out.

LUBRICATION—Alemite Zerk Pressure System to every working part. Regular \$6.00 Zerk grease gun furnished at \$2.50 extra if you do not have one.

BEATER—All steel 8 bars with steel teeth riveted in. Teeth cannot come loose and bars never warp.

SEAT—Metal bucket type seat regularly furnished as shown but wide wood confortable seat on hinges furnished at \$1.00 extra.

\$1.00 extra.

FEEDS—Lever handy to driver's seat regulates feed from 4 to 24 loads per acre. GEARS—Can throw in or out of gear by lever convenient to driver's seat while team is moving.

whire the direct state white team is moving.

WHIRLWIND WIDE SPREAD—All steel with half of blades throwing one direction and half the other. Spreads out beyond wheel tracks. Wide spread attachment including deflector board furnished as additional equipment at \$10.00 extra.

FRONT TRUCKS—Exclusive Galloway design of "Non-Whip" auto steer type. All steel construction, handle nicely, make square turn. Come complete. Prices include tongue and double-trees with all other equipment ready for operating.

SHIPPING WEIGHT — 1,250 lbs. Shipped knocked down to take low third class rate.

Galloways' New 1930 Model No. 9 Spreader was built to fill the need for a medium sized, low down, light draft complete spreader at a price that the average farmer can afford to pay. This No. 9 Model is the ideal machine for the medium sized or small farm. It is especially adapted for top dressing crops. You will note from the specifications that the width of track is only 4 ft. 11 in. which makes it a very handy machine on many farms because you can drive it through most any gate, or back into any barn door, or up close to any fence corner. It is just as complete a machine as our larger capacity big No. 10, the difference between the two being in size only. This is the shortest turning spreader with auto type front trucks on the market today. You can practically make a 90 degree turn—turns in its own length without skidding.

Only our tremendous volume and reduced factory overhead with our direct selling system from Factory-To-Farm make it possible for us to quote such a low price on this sturdy, well balanced, latest model machine. The new No. 9 comes complete with metal seat, tongue and doubletrees. Whirlwind wide spread attachment and Alemite Zerk grease gun are extra equipment.

#### Dandy Spreader for Any Farm and the Ordinary 2-Horse Team Handles up Hill or Down Easily

The outstanding features of this machine are its perfect even spreading, up hill or down, its ease of loading and its light draft. Even the ordinary light team can handle a load of manure on the new No. 9. Where many other spreaders require three horses, you will get along nicely with only two horses on this new Galloway No. 9. Can furnish tractor hitch shown on next page with this No. 9 if you wish it.

#### Pays for Itself the First Year

You will be surprised at the amount of manure this wonder working spreader will handle for you in the course of a year's time. It will absolutely pay for itself every year in time saved, work saved and the extra profit you will get from bigger crops. It will do your spreading in winter over snow or frozen fields just as well as in summer. It is a year around machine and it will always be ready to go with little or no repair costs.

## Low Down Capacity

#### Prices on No. 9 Spreader

Plan No. 1— \$116.25 \$118.25 Plan No. 2-Bank Deposit

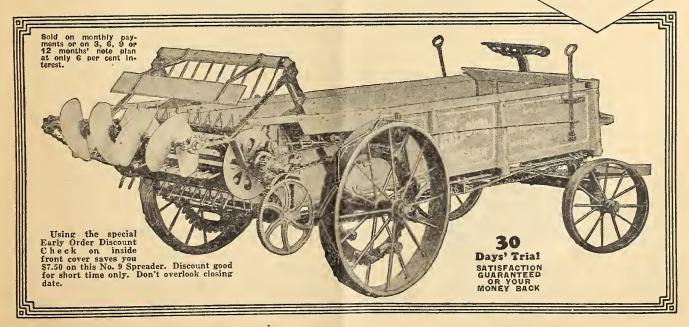
Plan No. 3— Note—3, 6, 9 or 12 Months \$122.00

Plan No. 4— \$10.00 Down \$12.00 per Mo. \$127.50

Wide wood seat, \$1.00 extra; new Whirlwind Wide Spread Attachment, \$10.00 extra; Alemite Zerk Grease Gun, \$2.50 extra if ordered with spreader.

Prices F. O. B. Waterloo, Council Bluffs, Kansas City, St. Paul and Chicago, which-ever is nearest to you.

with Order



## GALLOWAYS BIG No This No. 10 Spreader was built primarily for horses—any good two-horse team can handle it easily. Don't get the idea it is too big or heavy for horses just because we offer a tractor hitch for

Why not save \$10.00 on the price of this No. 10 Spreader by using the Early Order Discount Check on inside front cover before its expiration date. Send with order as so much cash.

No. 10

\$124.75

Cash with Order

#### No. 10 Prices

Plan No. 1— Cash with Order	\$124.75
Plan No. 2—Bank Deposit	\$126.75
Plan No. 3— Note—3, 6, 9 or 12 Months	\$131.00
Plan No. 4- \$10 down, \$14 per Month	\$137.25

Wide wood seat, \$1.00 extra; new Whirlwind Wide Spread Attachment, \$10.00 extra; Alemite Zerk Grease Gun, \$2.50 extra if ordered with spreader.
Prices F. O. B. Waterloo, Council Bluffs, Kansas City, St. Paul and Chicago, whichever is nearest to you.



#### Specifications on No. 10

HEIGHT—39 in, top of box at center.
WIDTH TRACKS—5 ft. 6 in. The front and rear wheels track which helps to reduce the draft.
WHEELS—Front, 23 ½ in, high—rear, 36 in, high, 5½ in, flanged and grooved tires with continuous cleats on rear wheels. Front and rear wheels track
BOX—45 in, wide, 17 in, deep, 120 in, long. Solid bottom of fir tongued and grooved flooring. Reinforced side panels with angle steel top rail. Painted two coats and varnished inside and out.
LUBRICATION—Alemite Zerk Pressure System to every working part. Regular \$6.00 Zerk grease gun furnished at \$2.50 extra if you do not have one BEATER—All steel 8 bars with steel teeth riveted in. Teeth cannot come loose and bars never warp.
SEAT—Metal bucket type seat regularly furnished, but wide wood seat on hinges, as shown, furnished at \$1.00 extra.
FEEDS—Lever handy to driver's seat regulates feed from 4 to 24 loads per acre.
GEARS—Can throw in or out of gear by lever convenient to driver's seat while team is moving.
WHIRLWIND WIDE SPREAD—All steel with half of blades throwing one direction and half the other. Spreads out beyond wheel tracks. Wide spread attachment, including deflector board furnished as additional equipment at \$10.00 extra.
FREDS—Excert handy to driver's seat regulates feed from 4 to 24 loads per acre.
GEARS—Can throw in or out of gear by lever convenient to driver's seat while team is moving.
WHIRLWIND WIDE SPREAD—All steel with half of blades throwing one direction and half the other. Spreads out beyond wheel tracks. Wide spread attachment, including deflector board furnished as additional equipment at \$10.00 extra.
FREDS—Excert handy to repeat the first half of blades throwing one direction and half the other, spreads out beyond wheel tracks. Wide spread attachment, including deflector board furnished as additional equipment at \$10.00 extra.
FREDS—Excert handy to repeat the first half of t

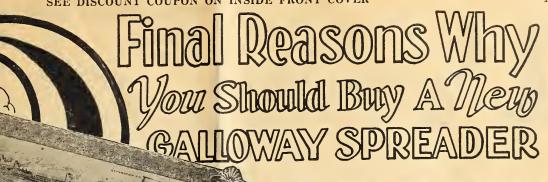
#### **Spreads Better and Faster**

This big Low Down No. 10 is the most popular spreader in America—because it spreads better and faster. It has a capacity of 60 to 70 bushels and its extra sturdy construction will withstand rough treatment and years of hard usage. There is no bigger spreader on the market—and none that pulls easier for its size. The beater runs extremely close to the ground and the spreader mechanism together with the whirlwind wide spread attachment thoroughly pulverizes the manure so that the ground is given a fine, even coat in spite of the wind. This spreader will work perfectly even on the hilliest, roughest land—any place your team or tractor can take it. It is a wonderful machine for ease of loading, ease of unloading and for the perfect, even job of spreading which it does.

The outstanding features of this machine are—it's lower down, it turns shorter, it pulls easier and it spreads better and faster.

#### Choice of Tongue or Tractor Hitch

For those who wish to pull their spreader with a tractor we offer the tractor hitch illustrated in the picture to the left. You have your choice of a tongue or the tractor hitch. Just note the leg which holds the tractor tongue up in position and which by means of a spring device snaps up and is held underneath the tongue firmly while you are pulling your load. This tractor tongue is equipped with a safety device which prevents damage to the spreader in case the machine gets stuck. If you wish both the regular tongue and the tractor hitch, please add \$3.00. They are interchangeable on the spreader in just a few minutes' time.



Here's three final reasons why you should buy a Galloway Spreader this year and they are good reasons, too—because the first one shows you that the manufacturer is willing to stand behind the machine; and the second one gives you a chance to not only see but actually use the spreader before you decide whether you want to keep it or not; and the third one shows you how easy it is to buy and pay for it.

#### 1. Lifetime Guarantee

We make every part of every Galloway Spreader and we know just how they are made and are willing to stand behind them. A lifetime guarantee certificate in writing goes to the purchaser of every Galloway Manure Spreader and guarantees the machine against any defect in workmanship and material—which means that we will replace free of charge at our factory any part that breaks on account of defective material or workmanship, whether it be at the end of one year or fifty. Can you get such a guarantee in writing from any dealer or agent and be assured that they will be here in twenty years to carry it out?

### 2. 30-Days' Trial

Some dealers say, "See the goods before you buy." We say, "See them and use them." A Galloway Spreader has to make good on your farm or it's no sale—and the way to tell whether you like the spreader or not is TO TRY IT. All we ask you to do is order a Galloway Spreader on trial; then use it on your own farm for 30 days from the time it arrives at your station, and if at any time during this trial period you would rather have your money back, you can return the machine and we will refund any settlement you have made and pay the freight both ways. Even if you are skeptical you are not taking any chance in ordering a Galloway Spreader on this kind of a 30-day trial basis.

#### 3. Easiest to Buy and Pay for

The Galloway Spreader is the easiest to buy because we practically let you set your own terms for payment. If you have some hogs to sell or some crop to move a little later on, we will take your note for any part or the full amount of the purchase price for 3, 6, 9 or 12 months' time at only 6% interest. You can pay the note off any day you want to or you can make payments on it as you want to. Then there is the monthly payment plan where you send only \$10.00 with our order. You can make any number of payments or pay the full amount on this plan anytime you want to. If you have the ready money or prefer to borrow from your own banker, or some friend, you can, of course, take advantage of our extremely low cash price. Surely you will find one of these plans to suit your convenience. Galloway Spreader is easiest to pay for because it has the lowest price. It is the easiest to buy because you can practically set your own terms.

#### Factory Prices on Spreaders

The whirlwind wide spread attachment, the wide wood seat and the Alemlte Zerk grease gun are not included in prices quoted below, but are offered as extra equipment. Wide spread attachment, \$10.00; wide wood seat, \$1.00; Alemite Zerk grease gun, \$2.50 extra if ordered with spreader. The whirlwind wide spread attachment can be furnished to fit any Galloway Spreader. You can buy it with the machine or later as you wish. Many farmers have an Alemite Zerk grease gun already and do not want to be charged for another one. The regular \$6.00 Zerk gun included at only \$2.50 extra if you do not have one.

	Shipping Weight	Plan No. 1 Cash With Order	Bank	Plan No. 3 3, 6, 9, 12 Mos. Note	Easy	Down	Per Mo.
Box Spreader	700 lbs.	\$ 76.50	\$ 78.50	\$ 80.35	\$ 84.15	\$10.00	\$10.00
No. 9	1250 lbs.	116.25	118.25	122.00	127.50	10.00	12.00
No. 10	1360 lbs.	124.75	126.75	131.00	137.25	10.00	14.00

The Early Order Discount Check on inside front cover can be applied as so much cash on above prices if used before its expiration date. It will pay you to send your order at once and make this special saving.

Prices on the No. 9 and No. 10 Spreaders are F. O. B. Waterloo, Kansas City, Council Bluffs, Chicago and St. Paul. Prompt shipment made from the nearest point.

All orders must go through our office at Waterloo. Be sure to address all mail to The Galloway Company, Waterloo. Iowa, and not to the warehouse points.

# EASY PAYMENTS PUTS A NEW GALLOWAY SPREADER ON YOUR FARM

This is the easiest, most convenient payment plan ever offered by anybody on manure spreaders. A down payment of \$10 brings any Galloway Spreader to your farm for you to try 30 days. Then if you are perfectly satisfied with the machine you can pay the balance in small monthly payments of \$10.00, \$12.00 or \$14.00 a month—without interest or financing charge of any kind. The saving in time and labor one of these Galloway Spreaders will make for you practically pays for the machine every month as you use it. There is no excuse for any farmer going without a manure spreader now. This convenient, easy payment plan gives you a chance to own the best spreader in the world without having to pay out a lot of eash in one lump sum.

## Galloways' NEW "Handy Andy" **Gas Engine**

Here's our new Handy Andy 1¼-H.P. Engine—quality made throughout. Just the thing for a woman to operate. Always starts easily, even if it has been outdoors in any kind of weather. All you have to do is turn on the switch, turn it over once and "off she goes." It has battery ignition and enclosed crank case so that the splash system of oiling completely takes care of itself. It will run from 20 to 25 hours on a gallon of gasoline when pulling a normal load. hours on a gallon of gasoline when pulling a normal load. Its ample water cooling system prevents overheating and while it is big enough to do a dozen jobs it is small enough to be handy and moved easily from place to place. Guaranteed satisfactory in every respect.

SPECIFICATIONS—Battery equipped. Covered crank shaft to prevent oil splashing. Sight feed oiler. Water cooled. Bore 3½ in., stroke 3 in. Hit-and-miss governor, four cycle, furnishes full 1½ H.P. at 600 r. p. m. All-over dimensions 19x24 in. Shipping weight 140 lbs. F. O. B. Waterloo.

#### 11/4 H. P. Handy Andy Prices

Plan No. 1 Cash with order Stationary as shown

Plan No. 2 Bank Deposit Plan

\$36.90

Plan No. 3 8, 6 or 9 months note \$38.75 See back of order blank \$38.75

Plan No. 2
Bank Deposit Plan
See back of order blank
\$37.90

Plan No. 4
\$3 down and \$5 per mo. \$40.60



#### Handles a Lot of Light Jobs

This engine was specially designed and built for the purpose of running a washing machine, cream separator, shallow well pump, a grindstone, a small grinder, milking machine, farm mixer, etc. It is guaranteed to operate any single or double tub washing machine, run any cream separator with power to spare.

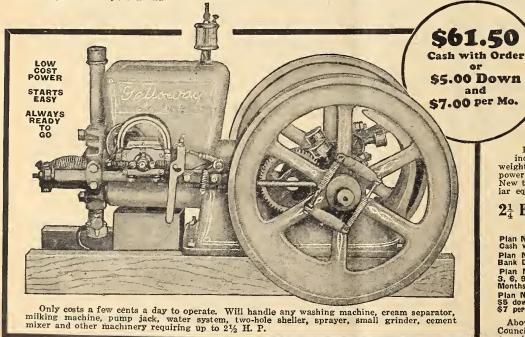
The Early Order Discount Certificate on inside front cover gives you special cash discount on any size or style engine, if used at once. You can send it as so much cash if you order engine before expiration date.

## H. P. General Utility Farm Engine

This Galloway 2¼-H.P. Engine has been a standard size, general utility farm engine for twenty years—thousands of them doing all kinds of work in practically every farming community of the United States. It is easy to start in any kind of weather, requires very little attention and is very economical to use. It is water cooled but the head is our special design and air cooled so it warms up to a certain point quickly, furnishes just enough heat to vaporize the gas and insures perfect combustion. It is equipped with an automatic

fuel regulator which regulates the amount of gasoline used according to the load the engine

is pulling.
This 24-H.P. Engine has a solid cast onepiece base, cylinder and water pott-imposible for the cylinder to ever get out of alignment. Has extra long connecting rod and the long throw of the crank shaft delivers full power which is kept even at all times by the extra weight out in the rims of the fly wheels. It will run all day without overheating. Guaranteed to give years of satisfactory service.



#### **Specifications**

This 2¼-H.P. Engine comes all complete, ready to run, equipped with your choice of Webster, Wico, or New Hercules Magneto; 6 x 4-inch plain iron pulley, automatic fuel regulator and starting crank. Stationary model comes on heavy wood skids and the hand portable on steel trucks with wrought iron tongue furnished. For picture and description of hand portable style see page 16. Floor space required 36 inches long, 26 inches wide and 24 inches high. Shipping weight, 325 pounds. Develops full 2½ horsepower at 450 r. p. m. and more at higher speed. New type Hercules Magneto furnished as regular equipment unless other make specified.

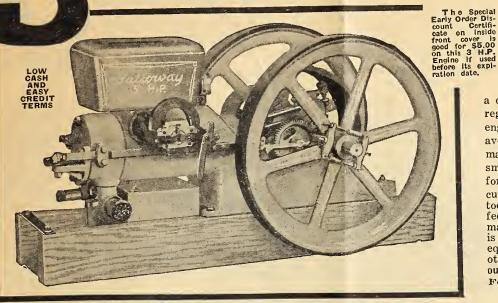
#### 21 H. P. Cash and Credit Prices

Stationary	Hand Portable
00T.9A	\$66.5U
63.50	68.50
02.00	00.00
67.70	73.20
	Stationary 661.50 63.50 64.60

Above prices f. o. b. Waterloo, Kansas City, Council Bluffs, St. Paul and Chicago, which-ever is nearest to you.

## H.P. Bull Dog Engine

This 3 H. P. Engine has an extra long stroke and a big bore and the cylinder and base are east in one unit. Ample water cooling system and automatic fuel regulator adjusts gasoline consumption to the load pulled. The extra weight and sturdy construction of this 3 H. P. engine eliminate vibration and insure long wear and practically no breakage.



#### Low 3 H. P. Prices

	Stationary	Portable
Plan No. 1-Cash with Order	\$81.75	\$86.75
Plan No. 2-Bank Deposit	83.75	88.75
Plan No. 3-3, 6, 9, or 12 Months Note	. 85.85	91.10
Plan No. 4-\$5 down and \$10 per mo	89.90	95.40
Ahove prices F.O.B. Waterloo, Kansas		il Bluffs,
St. Paul and Chicago, whichever is neares	st to you.	

#### Specifications

The 3-H.P. Engine comes all complete ready to run with plain iron pulley 8x4 in., automatic feed regulator, starting crank and your choice of Wehster, Hercules or Wico High Tension Magneto. Floor space required 46 in. long, 26 in. wide and 25 in. high. Shipping weight 600 hs. Hercules Magneto furnished unless other make specified.

#### ADOLPH BURYANEK, OF WESTFIELD, IOWA, SAYS-

"You have a good name for your 3 H.P. Engine—the Bull Dog. It takes hold just like a bull dog does. I run my 44-ft. well pump, a 6-in. burr grinder and my washing machine all at the same time with this 3 H.P. Engine."

Hundreds of people use the Galloway 3-H.P. Engine to advantage on their farms. It really pays to have a little extra power when you need it. The operating cost of this engine is very low-It is really economical to use when pulling a two-horse or even

a one horse load. The automatic fuel regulator saves you money. This size engine ought to be used more on the average farm because it will handle so many more jobs than the ordinary small engine can do. It is recommended for the deep well pump, light plant, cut-off saw, heavy cement mixer, big tool grinder, sheep shears, band saw, feed mill, blacksmith shop and other machinery requiring up to 4 H.P. It is guaranteed to out-pull or at least equal in power and performance any other 3-H.P. engine made and it will out-wear all the rest of them.

For description of 3 H.P. on all steel hand portable trucks, see page 16.

Try any Galloway Engine for 30 days—then if you don't think it is the best buy you can make for the money—send

## Galloways' 5 H. P. Wonder

This all-purpose 5 H. P. Wonder Engine is a dependable and reliable power plant to have for any farm or shop work requiring more power than the ordinary light weight utility engine furnishes. The Galloway 5 H.P. is economical for the small job and yet practical for the big job. Don't make the mistake of buying too small an engine—plenty of surplus power is always a handy thing to have. Buy this 5 H.P. Engine and you will be prepared for the emergencies. You will be able to handle the extra heavy duty jobs as well as the ordinary everyday work. The sturdy construction, the slow speed, the long stroke and the water cooling system make it an engine for lifetime service.

#### **Economical to Run**

Satisfactory service at low cost is the record of the 5-H.P. Wonder. Fuel consumption is small because the automatic fuel regulator measures the amount of gasoline used by the load the engine is pulling. This makes it one of the best all-around farm and shop sizes to own. It will operate a big wood saw, feed mill, sheller, cider press, hay hoist, wood shop, portable elevator, rip saw, blacksmith shop and many other machines requiring many other machines requiring from 5 to 6 horsepower. Guaranteed to give perfect satisfaction or your money refunded.

For description of 5 H.P. on all steel Hand or Horse Portable Trucks see page 16,

#### **Specifications**

The 5 H.P. Wonder Engine comes all complete on heavy iron suntomatic fuel regulator and your choice of Webster Tri-Polar or Wico High Tension Magnetos. Guaranteed to pull full 5 H.P. at 400 R.P.M. and more at higher speed. Shipping weight 850 lbs. If you wish friction clutch pulley instead of plain iron pulley, deduct \$3.00 from the prices shown and then add the regular price as shown on page 17 for the friction clutch pulley you select.

Hand Portable Stationary Plan No. 4—\$10 down 131.50 148.00 Ahove prices F.O.B. Waterloo, Kansas City, Council Bluffs, St. Paul and Chicago, whichever is nearest to you.

5 H. P. Prices and Payment Plans

\$7.50 cash discount is what you get if you order 5 H.P. Engine and send Special Discount Check on inside front cover before its expiration date. C

# H. P.

## HEAVY DUTY ENGINES

Thousands of Galloway 7-H.P. and 9-H.P. Heavy Duty Engines are doing the work of the ordinary 10-H.P engine on many farms and in many shops. From 12 to 20 years is the average life of one of these big, sturdy, powerful engines. Just compare design, weight, and speed of the Galloway with the same size engine of any other make. You will readily see why the Galloway furnishes more power at less cost and lasts longer—it's because of the Galloway special design, the slow speed, the long stroke, the big bore and the extra weight where weight is necessary for satisfactory stroke, the big bore and the extra weight where weight is necessary for satisfactory service. Magneto equipped, water cooled, automatic fuel regulator—easy to start and easy to keep going. If you have a big job, a hard job of any kind, buy one of these heavy duty engines and your power problems are solved for the next 20 years.



H. P.

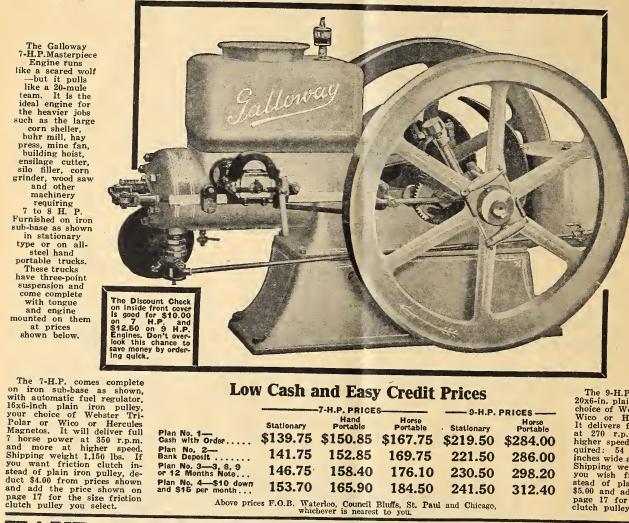
Some engines balk when

the emergency

happens but

The Galloway 7-H.P.Masterpiece Engine runs
like a scared wolf
—but it pulls
like a 20-mule
team. It is the
ideal engine for the heavier jobs such as the large such as the large corn sheller, buhr mill, hay press, mine fan, building hoist, ensilage cutter, silo filler, corn grinder, wood saw and other machinery requiring 7 to 8 H. P. Furnished on iron sub-base as shown in stationary type or on all-steel hand portable trucks. These trucks have three-point suspension and come complete with tongue and engine mounted on them

at prices shown below.



happens but Galloways' Big Heavy Duty Type 9 H. P. will walk off with any job. It is recommended to operate an alfalfa mill, an alfalfa mill, large sheller, threshing machine, hay baler, ensilage cutter, grain elevator, beet dump, planing mill, machine shop and other machinery using un to using up to
0 horse power.
Stationary
style comes
mounted on heavy iron sub-base as shown and the horse portable on heavy all steel flexible trucks with tongue furnished. at prices shown below.

#### Low Cash and Easy Credit Prices

		7-H.P. PRICE	9-H.P. PRICES		
	Stationary	Hand Portable	Horse	Stationary	Horse Portable
	\$139.7	5 \$150.85	\$167.75	\$219.50	\$284.00
Plan No. 2— Bank Deposit	141.7	5 152.85	169.75	221.50	286.00
Plan No. 3-3, 8, 9 or 12 Months Note	146.7	5 158.40	176.10	230.50	298.20
Plan No. 4-\$10 down and \$15 per month	153.7	0 165.90	184.50	241.50	312.40
Above prices	F.O.B. W	Vaterloo, Council	Bluffe St Paul	and Chicago	

whichever is nearest to you.

The 9-H.P. is equipped with 20x6-in. plain iron pulley, your choice of Webster Tri-Polar or Wico or Hercules Magnetos. It delivers full 9 horse power at 270 r.p.m. and more at higher speed. Floor space required: 54 inches long, 36 inches wide and 74 inches high. Shipping weight 1,650 lbs. If you wish friction clutch instead of plain pulley, deduct \$5.00 and add price shown on page 17 for the size friction clutch pulley you select.

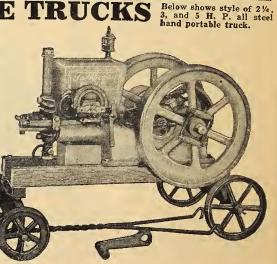
### HAND and HORSE PORTABLE TRUCKS

Any Galloway Engine except the 1¼-H.P. size is furnished mounted on all steel trucks. The 2¼-H.P., 3-H.P. and 5-H.P. sizes are offered on hand portable steel trucks of the style shown in the picture to the right. The 5-H.P., 7-H.P. and 9-H.P. sizes are offered on all steel heavy horse portable trucks of the style shown below.

On the 21/4-H.P. and 3-H.P. engines the front and rear trucks are bolted to the rear skids so they can easily be removed if you want a stationary type engine. The 5-H.P. truck has steel frame on which the engine is mounted without any sub-base. The 7-H.P. and 9-H.P. horse portable rigs are made of heavy steel angles, channels and I-beams with 24-inch steel wheels on the 7-H.P. truck and 32-inch steel wheels on the 9-H.P. truck. Each truck comes complete with tongue. All of these trucks are the regular Galloway design with center of gravity low down and three-point suspension which holds the truck level on uneven

A few dollars extra is well spent in the price of a truck for your engine. It makes your engine handier and more serviceable; you can haul it from one place to another about your farm and have a convenient, reliable power plant wherever and whenever you want it. The truck makes the engine cheaper to own because it will do so much more work for you.





7 H. P.

Complete

## Galloway Saw Rig

NEXT TO A FOREST FIRE the Galloway Complete Saw Rigs will eat more wood in a day than anything else in existence. You can cut more cords with fewer men with the Galloway because it works faster, runs easier and is safer to work around than any other rig on the market.

NOTICE THE PRACTICAL DESIGN of this wonderful saw rig—notice its all-steel construction, its heavy, rigid channel steel frame. Notice the new improved roller belt tightener and the beavy all steel trucks upon which the saw frame and engine are mounted.

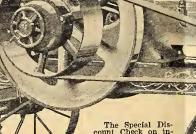
THIS RIG IS FASTER IN ACTION because of its improved design, its "roll easy" sliding saw table and the ample power of the Galloway Engine. Experienced sawyers are enthusiastic and say this rig holds nicer and works faster than any rig they ever saw. Two light horses can take the outfit anywhere.

THE "ROLL EASY" SLIDING SAW TABLE is supported at four points on the heavy channel steel frame and never tips, sags or hinds the saw. It will stand years of severe usage. The weight of both the log and the sawed stick rests on this sliding table which rolls easily on frictionless roller bearings. The engine is mounted with the heavy weight of the cylinder in the center which eliminates all vibration. This style mounting also gives full length belt so there is no slippage and every ounce of power is delivered at the tooth of the saw where it does the work that counts.

**Rig Comes Complete** 

It includes magneto equipped engine, friction clutch pulley, 4-ply rubber belt, heavy guard protecting the operator, 30-inch oil tempered saw blade and our all steel extra heavy horse trucks complete with tongue. When through sawing, the saw attachment can be detached by taking out a few bolts and stored, leaving a regular horse portable engine for other use.

9 H. P. Saw Rig (24x6" clutch pulley) 3125



The Special Discount Check on inside front cover for 7 H.P. and 9 H.P. Engine is good on this saw rig outfit.

Saw Rig Prices

Cash with Order

All Note 6% Interest

7 H. P. Saw Rig (20x6" clutch pulley) 2325 \$229.75 \$231.75 \$241.25 \$252.70 348.50 350.50 365.90 383.40 Prices F. O. B. Waterloo, Kansas City, Council Bluffs, St. Paul and Chicago

SIZES AND STYLES

The 7 horsepower is furnished in either the right or in left-hand style. The 9 horsepower is carried in stock in the left-hand style only, but the right-hand style will be furnished upon special request without extra charge. Specify what you want.

#### Magnetos for Replacement

WEBSTER TRI-POLAR OSCILLATING—Standard equipment on Galloway Engines for years. Gives hottest spark when starting. Has only one moving part. Is fully protected and absolutely weatherproof.

NEW HERCULES MAGNETO—New Low Tension type just approved after severe tests by our engineers. It will be furnished as regular Galloway equipment in the future.

WICO HIGH TENSION MAGNETO-Nationally known high tension type magneto.

1D423—Choice of Webster, Hercules or Wico Magneto complete with proper brackets to fit any size or style Galloway \$16.50 (Be sure to tell us style and size of your engine.) \$16.50

#### Safety Collars



1D47 Size Shaft			s	et		With crews Price
1 3/16 in.					. 5	\$0.30
1 7/16 in.						.40
1 11/16 in.						.50
1.15/16 in.	٠					.62



#### Journal Box with Removeable Top

1D49—This box is split at an angle that permits using it either horizontally as a flat box or vertically as a post box. Well babbitted. Adjustable for wear.

	Size										Price
1	3/16	inch								. :	\$1.60
1	7/16	inch									2.10
1	11/16	inch	٠	•	•	•	•	•	•	٠	2.50
1	15/16	men	٠	•	٠	٠	٠	•	•	٠	3.10
			_	_			_	_	_	<u> </u>	

#### **High Grade Belting**

The very best heavy duty red rubber belting made for all purposes. Immediate shipment from Waterloo. 1039-28 oz. Red Friction Surface Rubber Beiting

	3-Ply Red Rubber Beiting						
Width	Shp. Wt.	Price					
1 ½ in.	2 ½ oz	10c					
2 in.	3 ½ oz	13c					
2 1/2 in.	4 ½ oz	17c					
1 ½ in. 2 in. 2 ½ in. 3 in.	4 ½ oz	200					
	4-Ply Red Rubber Beiting						
4 in. 5 in. 6 in.	6 oz	27c					
5 in	7 oz	340					
6 in.	11 oz	41c					
CANVAS BELTING							

	C	ANVAS	BELTING	3 ′	
D41	-4-Ply Car	n. Bitg.	1D42-	-6-Ply Can	Bitg.
	Shpg. Wt.	Price		Shpg. Wt.	Price
Width		Foot	Width	Foot	Foot
in.	3 oz. 4 oz.	12c	4 in. 5 in.	9 oz. 12 oz.	40c 50c
in.	6 oz	230	6 in.	14 oz.	60c
in.	8 oz.	30c			
in.	9 oz.	35c			

#### **Wood Split Pulleys**

1D46—Made from best selected seasoned kiln-dried stock. Every

pulley comes	complete.	State size		
of shafting	compice.	Nouce Bibe	Ex	tra
of shafting. Dia.	Face	Price	Bushi	ngs
2		\$2.00	halane	red.
Ž	4 -	\$2.00	line (	driv
2	7	2.15	State	
3	4	2.20 2.25	size s	boff
6	4	2.25	size s	пап
6	6	2.65	Diam	
8	4	2.35 2.80	VIII 141	To all
8	6	2,80	Width	
10	4	2.55	3x3	in.
10	6	3.10 3.00	4x3	in.
12	4	3.00	6x3	in.
12	6	3.70	6x4	in.
14	ă.	3.45	6x6	in.
14	å	3.45 4.30	8x4	in.
îŝ	Ä	3.90	8x6	in.
16	Ž.	3.50	10x4	in.
10	y .	4.50		in.
19	4	4.35	10x6	in.
3 4 5 6 6 6 8 8 8 0 1 1 0 2 2 1 1 4 4 1 1 6 6 8 1 1 1 8 2 2 4	34444646464646466666	4.90 4.35 5.50	12x4	in.
20	6	6.10	12x6	in.
24	6	7.45	16x6	in.

#### **Steel Split Pulleys**

#### 1D517

Extra quality cold rolled steel. Bushings interchangeable, Well halaneed, erown face. For use on line drive shafts, threshers, etc. State diameter, width face and size shafting.

SIZE SIL	arting.		
Diam. Width		Shpg. Wt. Lbs.	Eaci
3x3 i 4x3 i	n.	3 1/2	\$2.10 2.25
6x3 i 6x4 i 6x6 i		2 3 1/2 8 8 8 15	2.65 2.85 3.35
8x4 i 8x6 i	n. n.	19	3.15 3.65
	n. n n	$\frac{20}{20}$	3.45 3.95 3.85
I ZAI I	**	217	0.00

24.00 39.00 42.50

MACHINE MOLDED PULLEYS

1045—Bored, turned. State size of shaft and t screw or key seat.

21a. Face. Price Día. Face. Price et sc Dia. 6 \$2.00 2.70 3.00 2.90 3.50 4.40 3.25 4.15 5.10 4.66 5.90

POLISHED STEEL SHAFTING
No. 1D48—Carried in following lengths only:
6, 8, 10, 12, 14, 16, 18 and 20 feet. Additional charge for couplings on longer lengths.
Nam. In Wt. Per Ft. Price Per Ft.
3/16 3/7 16s. \$0.17
7/16 5.5 lbs. 27
11/16 7.6 lbs. .36
15/16 10.0 lbs. .50

#### **Mandrel Outfits**

Cold rolled steel mandrel 34 in. long, turned down to take saw with 136-in. hole. Has two flat habbitted boxes and a 5½x6-inch pulley.

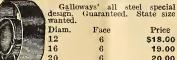
Right hand only.



1D33-F. O. B. Waterloo\$7.35
1034—Price, 80-lb, balance wheel \$5.95
1035 Price, Mandrel, 49x1 1/2 -in., turned down to
receive saw with 1 % in hole Wt 31 the \$4 45
1D36—Connected babbitted boxes, wt. 35 lbs \$3.25
1037—Special heavy flat saw arbor boxes, pair. \$1.95

#### **Friction Clutch Pulleys**

1D26



24

#### **Bargain Prices on Cut-Off Blades**

1027—Made of best quality oil-tempered saw steel, all hored with 1 % -inch arhor hole; shipped from Waterloo. Rip saw blade can be furnished F. O. B. St. Louis at two and one-half times the

Loui	s at two	and on	e-half	times t	he price
of c	ut-off bl	ades.			
Diar	n.		11	t crtd.	. 2
	Gauge	Speed	HP	lbs.	Price 2
20	13	1350	2 1/4	12	\$2.25
22	12	1275	3 "	15	2.85 2
24	11	1175	4	19	3.45
26	11	1075	5	23	3.95
28	10	1000	6	27	4.40
šŏ –	10	950	Ğ	32	4.95
n. 20 24 26 28 30 32	10	750	7	23 27 32 37	6.15
86	ğ	500	9	45	8 25

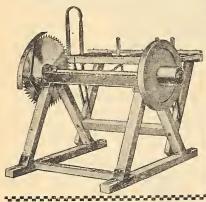


## Frame Tractor Attaches to sides of tractor radiator. Specify the make and size of tractor you own, also width of radiator from side to side and thickness from front to back. Can be swung over radiator for moving without dismounting. Takes saw with 1%" arbor. Uses 16 ft. or 5" belt. Heavy angle steel with hardwood table. Weight 140 pounds.

B. Wisconsin factory. \$22.75

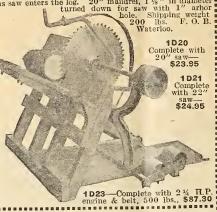
#### Tilting Table Saw

Frame is made of hardwood securely reinforced. Saw guards are detachable, fitting any saw from 20" to 30". Has 80-lb. balance wheel with 5½ x 6" pulley, 49" mandrel of 1½" cold rolled steel turned down to take saw with 1¾" arbor. Well babbitted connected boxes. Right hand rig shipped unless left hand is specified. Shipping weight 275 lbs. F.O.B. Waterloo. \$19.85 1023—Frame, less blade. . . . \$19.85 1024—Sha above, with pole saw atatachment, weight 300 lbs. . . . \$22.55



#### ONE-MAN SAW

With this saw frame the saw swings into the log, making it a practical one man rig. Safer than most saws as the blade cannot stick or choke up in the log. Uses 1.½ to 5 H.P. Belt tightener increases the pull as saw enters the log. 20" mandrel, 1 %" in diameter turned down for saw with 1" arhor hole. Shipping weight 200 lbs. F. O. B. Waterloo.



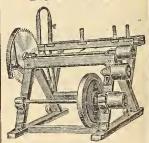


A PRACTICAL AND POWERFUL SAW FRAME ATTACH-MENT FOR THE FORD CHASSIS. Uses up to 32" blade. Easily attached to any model T Ford. Built of rugged angle stee Table supported by two drop legs. Attaches to chassis by four U bolts. Permits the use of Ford engine as power on any other belt

1056—Ford saw frame, with belt and 30" blade, chassis not included. ..\$39.50

-As above, less belt and \$33.25





Similar to frame shown at left but the balance wheel is mounted on a counter shaft to permit sawing longer logs and poles without attachment. Uses 20° to 30° saw, balance wheels weigh 80 lbs., shaft 1½" cold rolled steel turned down to take blade with 1%" arbor, Right hand shipped unless left hand shipped unless left hand shipped unless left hand F.O.B. Waterloo, 1D25—Frame less belt \$27.95

One and Two-Hole One hole sheller shown below cleans the corn effectively and thoroughly. Equipped with a fan, adjustable for corn of all sizes. Bearings are extra large and wide. Weight 138 lbs. F.O.B. Wisconsin factory.

6D40—Sheller with fan and \$11.85



Two-hole sheller illustrated above is equipped with feed table, fan and cob carrier. Has a capacity of 30 to 40 bushels per hour. Fitted with 8" pulley with 4" face and when operated by power should be run at 300 to 400 R.P.M. Also supplied with heavy balance wheel and crank for hand turning. Weight 240 lbs. F.O.B. Wisconsin factory. 6D41

\$28.95

#### UNEXCELLED FEED GRINDERS

Illustration below shows the appearance of our 8" crusher d grinder when mounted on the Ford chassis. See description of this mill at the right. At the prices quoted we furnish these mills less the legs, but with complete attachments and instructions for mounting, as USE YOUR OLD FORD

shown here.

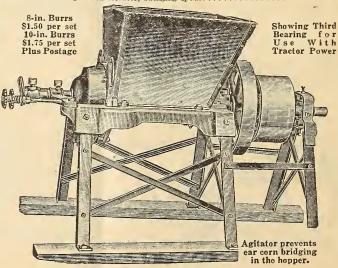
2D1—8" Burr Mill for Ford chassis, complete...\$27.15
2D1B—As above, less ear cor nagitator...\$24.65



Best feed mill made for general farm use, grinds ear or shelled corn and small grains. One set each fine and coarse crowfoot burrs with mill as priced. In 8 and 10 inch burr sizes. Larger size is ideal for tractor use. Fitted with quick release lever, small grain hoard, agitator and third bearing.

The 8 inch size requires 5-9 H.P.; speed 100 R.P.M. for each horse power, capacity 20-50 bushels per hour. Balance wheel 35 lbs. Shipping weight, 300 lbs. The 10-inch size requires 9-15 H.P., speed 70 R.P.M. for each horse power, capacity 40-75 bushels per hour, Balance wheel 55 lbs. Shipping weight, 430 lbs.

.\$4.00 -5 ft. double bagging elevator for either size......
-10 ft. wagon box elevator, swinging spout......



HAND GRIST MILL Grinds small grain, corn, wheat, oats, coffee, salt, dry ones, shells, etc., either ine or coarse. F.O.B. bones,

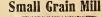
Shellers

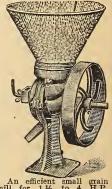


2D01 Kitchen Mill, 25 lbs. \$2.60

\$28.95

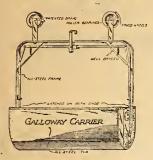
Double capacity, 50 lbs. \$3.95





An efficient small grain mill for 1½ to 4 H.P. Complete with fine and coarse burns. Fitted with feed regulating slide and engine power pulley. F.O.B. Waterloo Waterloo. 2D00—Illustrated. \$7.70

#### BETTER BARN EQUIPMENT AT LESS COST

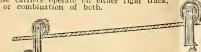


**Litter Carrier Outfits** 

Galloway carriers come in plain style shown at the left or automatic with chain hoist, as shown below. Plain carrier has a capacity of 5 hushels, automatic carrier comes in 7, and 9 bushel sizes.

The frame is of one piece channel steel, reinforced with corner braces, body of snoothly joined heavy galvanized iron: Wheels are mounted with-steel roller bearings, true-turned to insure smooth and quiet running.

These carriers operate on either rigid track, cable or combination of both.



Corn and

**Small Grain** 

Elevator

A straight run of cable takes two tension bolts, one complete anchoring, the necessary length of cahle and the car. If your harn requires a special outfit give us full particulars with a sketch showing dimensions, for our plans and quotations.

LITTER CARRIERS
71D12—5 Bu. Plain, F. O. B. Waterloo \$17.95
26D2—7 Bu. Automatic, F. O. B. Wisconsin factory \$30.90
26D3—9 Bu. Automatic, F. O. B. Wisconsin factory \$37.85
EQUIPMENT
71D82—13/32" Cable, per ft \$ .05
71D80—Tension Bolts, each \$80
71D15—Post Anchors, complete \$4.50
F. O. B. Waterloo or Wisconsin factory

Victory Small

**Grain Elevator** 

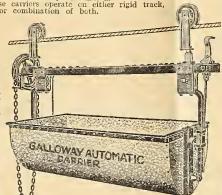
Much quicker and easier than handling grain by hand. Absolutely prevents any waste of grain during loading and unlead.

waste of grain during loading and unloading. Has undershot delivery—makes light draft and increases capacity. Stands high speed without danger

of carrying grain over.

\$64.90

Elevator leg is 18
feet long. Sides are
of wood and iu two
sections fastened togeather with iron
brackets to allow for
extensions. Chain tightener at upper end of leg.
Delivery hood of sheet
metal with 6-inch opening. Drive pulley, 8 in.
in diameter with a 3-in.
face. Width of hopper, 28
in, lengath, 42 in., height
of hack 32 in. Adjustable
feeding gate to suit power
used. Babbitted bearings.
Capacity 5 to 15 hushels
per minute. Operated hy
12 horsepower and up.
Rums undershot.



#### **Heated Fount**

**Cow Stalls** 

Includes top rail, two upright supports, one cow stop on each side, one curved partition and No. 26D5 stanchion as described below. Width 3 ft. 6 in. Has top and bottom adjustment for stanchion, also alignment adjustment for different length

cows. Built for strength, and comfort for the stock. Put together with malleable clamps bolted so that tubing

cannot come apart under any strain.

71D10—Stall, complete, F.O.B. Wisconsin factory..........\$8.95



#### Stanchions

Heated Fount

Simplest, strongest and easiest operated stanchion made. Light and comfortable hut so strong no cow can bend it. No castings or coil springs. Built of grey strong with smooth side inside and hard maple wood lining. Adjustable top and bottom with 6-inch chain. 43 in. high inside inside and hard maple wood lining. Adjustable top and bottom with 6-inch chain. 43 in. high inside finished with rust resisting enamed. 21 links, each. F.O.B. Wisconsin factory, tank or pipe line. Kerosene tank holds forty hours supply. Furnished complete with highly efficient brass burner. 18x9x14 inches. Shp. Wt., 40 lbs. F.O.B. Waterloo. \$9.00

The sides and bottom of the elevator are of w



The sides and bottom of the elevator are of wood, and the wings are of heavy sheet metal. The elevator leg is especially rigid. Flights are 2 ½ x6 ¾ in, spaced 11 in, apart on No. 55 steel carrying chain. Hopper is built low to accommodate low wheel trucks, fitted with a slide to shut off grain. Equipped with an extra apron for handling corn, easily detached. Hopper size: 44 in, wide by 30 in. deep. Six foot hopper for auto truck, can be furnished as priced below. Furnished in three sizes. F.O.B. Southern Miuuesota Factory.

**72D18**—18 ft. leg, weight 345 lbs...\$**76.80 72D24**—24 ft. leg, weight 412 lbs...\$**90.65 72D28**—28 ft. leg, weight 456 lbs...**108.30** 

#### EXTRAS FOR COMBINE

72D10—4 ft. exteusion, 40 lbs. \$12.65 72D11—6 ft. extension, 55 lbs. 18.40 72D12—10 ft. extension, 85 lbs. 29.35 72D20—8 ft. Half Round Spout, 13 lbs. 10.65

#### One-Man Drum Stump Puller

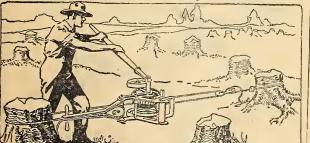
A very powerful drum type hand power pulley. Will do the most difficult work and deliver satisfactory performance at all times. The only drum type hand puller made with three changes of speed or power built right into the machine itself. This makes the fastest of all machines. All steel triple power cable furnished, especially woven to stand the heavy strain. Equipped with automatic take-up. Mounted on whels, easy to move.

No. 19D115 combines the double and single power, having a leverage of 496 to 1, using % in. main cable. No. 19D118 combines single, double and triple power, giving a leverage of 992 to 1 with 1 in. main cable. Both sizes have three speeds and reverse. Shipped complete with cable F.O.B. Michigan factory.

Cash Credit

72D130-Victory Elevator complete, wt.

19D115—Double power puller. Cash 19D118—Triple power puller. \$139.35 Credit \$153.00 D118—Triple power puller 219.0 CREDIT TERMS: 10% with order, 10% per month. 219,00 241.00

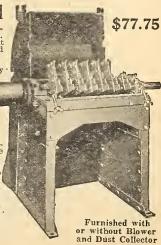


## \$76.80 Operates With 3 H.P. Engine A combination elevator of the A combination elevator of the highest value on the average farm. Especially designed for handling both ear corn or small grain, performing each operation at full capacity. Capacity depends upon the power used and the pitch of leg. Will handle small grain at the rate of 10-25 bushels per minute and ear orn the rate of 8-15 bushels per minute. For handling corn the flights run overshot, for small grain they run undersmall grain they run under-shot. Change is easily and quickly made by simply placing the small pulley on the rear of the main shaft for handling small grain or removing it for handling

#### Hay Baler: Write for Full Information

Galloways' New Hammer Mill Unexcelled for rapid, efficient grinding of all roughage feed. Handles any material suitable for feeding. Especially designed for use with any tractor without requiring speed jack. Has 11 extra long double headed hammers. Highest grade heat treated steel. POWER REFUIRED: Farm Tractor. SCREENS. Semi-circular of heavy sheet metal, easily and quickly changed. Sizes range from 1/16 in. to 14 in. 4 in. general purpose screen furnished with the mill. For extra equipment tell us what you want to grind.

#### **Blower and Dust Collector**





62D7—Mill only with one screen. \$77.75 \$85.50 62D7C—Mill with hlower and dust collector ... 127.50 58.00 Extra screen, each, \$2.50 CREDIT TERMS: 10 % with order, 10 % per month.

## TOP NOTCH VALUE IN FARM HARNESS



## Leather

Good quality, russett collar leather, heavy whole rim, pieced back ribbon thonged out-side seam, heavy thong middle seam,

3D10—Full	face,	18 to	22-i	nch.	Eac	h	\$4.85
3D11—Full	face,	23-ir	ich.	Eacl	h		5.95
3D12—Full	face,	24-ir	ich.	Eacl	h		6.15
3D13—Half							
3D14—Half							
3D15—Half	Swee	ney,	24-in	ch.	Each		6.15

#### Ticking Collars

No. 25, Russett split leather back and rim, ticking face, enameled cloth bound outside seam, hair faced, sole leather, pad, draft about 17 inches.

Size	- Each
3D19-18 to	
3D20-23-in.	
3D21—24-in,	 . 2.70



## Traces

Team Lines \$4.95

#### **Concord Farm Harness**

The most popular type of general, all-purpose farm harness in most sections of the country. Six selections ranging from \$54.15 to \$66.85 brings this popular Concord farm barness within the reach of everyone. This harness has given wonderful satisfaction to our customers for years past

within the reach of everyone. This harness bas given wonderful satisfaction to our customers for years past.

"STURDY"

Bridles—1 ¼ in. Ring Crown style, Concord blinds. Lines—1 ½ in. by 20 feet. Traces—1 ½ in. by 6 feet, 6 link swivel dee heel chains, spotted. Back and Hip Straps, 1 ½ in. full length layer. Pads—4 ¼ in. flat leather lined, style hip straps, Breeching—2 ¼ in. single strap, 1 ¼ in. full length layer reinforced at dee. Breast Straps—1 ½ in. with snaps and slides. Pole Straps—1 ½ in. with dee in end. Hames and Straps—All steel, bolt, nickel or brass top. No Tie Straps.

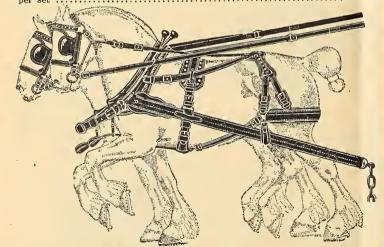
[F.O.B. Waterloo or Lincolu, Neb.]

30100—As described above, per set.

"OLD HICKORY"

Bridles—1 ¼ in. Ring Crown style, doubled and stitched combination fronts and winker braces, Concord blinds. Combination fronts and winker braces. Concord blinds. Lines—1 ¼ in. by 20 feet, buckles and snaps at bit. Traces—1 ½ in. by 6 feet, solid leather around bolt, 6 link swivel dee heel chains, 1 ½ in. belly band billets. Belly Bands—folded, with 1 ½ in. layer. Pads—5 ¼ in., swell shape, leather lined, 1 ½ in. layer. Folded hip Straps—1 ½ in. there ring style hip straps to reverse with Conway loops; ½ in. check up straps; joiuted lazy straps. Breeching—2 ½ in. jingle strap, with 1 ½ in. full ength layer. Breast Straps—1 ½ in. swed. Pole Straps—1 ½ in sewed with dee in end. Hames and Straps—all steel, bolt, nickel or brass ball top. No Tie Straps. Por set.

.....\$59.95 3D4822-As described above, per set ... 3D4832—With  $1\frac{3}{4}$  in. traces, breast and pole straps, .....\$63.25



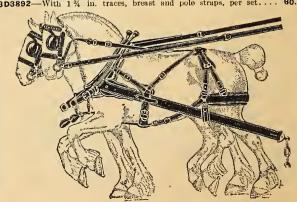
#### **Monarch Supreme**

Bridge—Ring Crown style, 1½ in, double crown with roller buckle and sewed leather loop, doubled and stitched combination fronts and winker braces, Concord blinds, ½ in. braced nose band, ½ in. leather loop bit straps, ¾ in. leather loop, two piece throat latch, ½ in. reins. Lines—1½ in. by 20 feet, with doubled and stitched couplings, 1880 buckles and snaps at bit. Traces—1½ in. by 6 feet, solid leather around bolt, scaloped inserted chafe, 6 link swired dee heel chains, belly band layer hand copper riveted, 1½ in. belly band billets made seved leather loops and liner to loop around trace. Belly Bands—folded, with 1½ in. layer, 10½ in. roller buckles. Pads—5¾ in. wide swell spotted bousing, leather lined, 1½ in. layer, forming round leather bridges, tbill tug loops in end; 1½ in. double leather loop market straps. Back and Hip Straps—1½ in., best grade, divided back straps to hames, 1½ in. three ring style hip straps, 1½ in. hip tugs with swell safe; ¾ in. check up straps; jointed lazy straps, made with 1 in. layer and wide ase. Breeching—2½ in. single strap, with 1½ in. full length layer reinforced at dee; 1¼ in. side straps to reverse with Conway loop at snap end and 1880 buckle at breeching. Breat Straps—1½ in. sewed, with No. 46 combination snaps and slides. Pole Straps—1½ in., sewed with dee in end. Collar Straps—1 in. Hames and Straps—all steel, bolt, nickel or brass ball top, with heavy 1 in. metal loop hame straps; ¾ in. spread straps with celluloid rings. No 71e Straps.

3D4622-As described above, per set 3D4632—With 134 in., 3 row stitch traces, breast and pole straps, 144 in. hip and back straps, per set. \$66.85

\$63.90

Bridles—1¼ in. Ring Crown, Concord blinds. Lines—1½ in. by 20 feet. Traces—1½ in. by 6 feet, with scalloped chafe. Belly Bands—2 in. Pads—4¾ iu. swell leather lined, 1½ in. layer, Western looks and terrets. Back and Hip Straps—1½ in. back straps to buckle into pad, ¾ in. folded crupper to buckle on; 1¼ in. bip straps Breast Straps—1½ in. Pole Straps—1½ in. hames and Straps—1½ in. belt straps, with rings. No Tie Straps, (F.O.B. Waterloo or Lincoln, Neb.) 3D200—As described above, per set. ... \$44.90
3D201—With 1¾ in. traces, breast and pole straps, per set. ... \$46.80
"MONARCH" % in. by 20 feet, smooth center buckles. Traces—1½ in. by 6 feet, heavy, solid leather, 6 link swivel dee heel chains, belly band layer, hand coppered riveted; 1½ in. belly band billets. Belly Bands—with 1½ in. layer. Pads—5¾ in., leather lined, 1½ in. layer, Western hooks and terrets, 1½ in. market straps. Back and Hip Straps—1½ in. seed. Pole Straps—1½ in. sewed. Pole Straps—1½ in. sewed. Pole Straps—1½ in. sewed sand Hip Straps—1½ in. sewed. Pole Straps—1½ in. sewed sand Straps—all steel, bolt, ball top, ¾ in. spread straps with celluloid rings. No Tie Straps. 4 described above, per set. ... \$51.90
3D1823—As described above, per set. ... \$51.90
3D1833—With 1¾ in. traces, breast and pole straps, per set. ... \$64.15 "Sturdy" Pad Harness



## the Galloway



Cat. No. Runners 24D145—2x5"-5' 24D150—2x6"-6' 24D155—2x6"-7' 24D160—2½x6"-7'	Actual Length 4'6'/2" 5'11" 6'8" 6'8"	Shp. Wt. Each 30 40 50 65	One Runner \$3.25 3.80 4.05 6.45	Set of Four \$12.15 14.65 15.75 24.95	One Runner \$2.55 3.15 3.45 4.95	Set of Four \$ 9.85 11.95 13.45 19.85
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#### Standard Double Wagon Box \$24.65



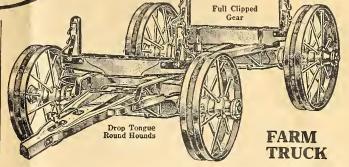


#### TRAILER OR FARM WAGON

The attachments listed below are designed for converting the old ford or Chevrolet chassis into a very useful and low priced trailer or norse-drawn wagon. No rods or threads to cut for installing. Consections are made direct to the rod by a clamp, giving perfect steering control. Trailer will follow car tracks regardless of how short you urn. This equipment makes a wagon or trailer that is light, very easy running, retaining spring action and ball bearing of the auto.

3. O. B. northern Iowa factory.

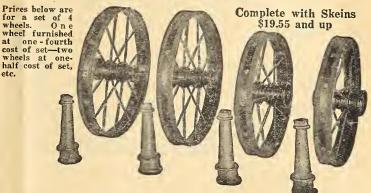
21D32 —Trailer Hitch complete, less bolsters, 35 lbs	6.95
1D32X—Trailer Hitch without radius rod supports for Chevrolet	
trailer or towing cars, 21 lbs	4.85
21D32B—Trailer Hitch complete with bolsters, 68 lbs	9.75
21D33 — Team Hitch complete, less bolsters, 55 lbs	9.45
11D33B—Team Hitch complete, with bolsters, 70 lbs	2.95
1D34 -Trailer and Team Hitch combined, less bolsters,	
51 lbs	9.90
1D34B-Trailer and Team Hitch combined, with bolsters,	
81 lbs	4.65
1D28 —Bolsters, per pair, 33 lbs	3.65



A light-running wide wheel truck for general farm hauling. Built to stand the gaff of hard usage. Has full drop tongue; is strongly reinforced at all points of wear and every part perfectly fitted, of first quality seasoned lumber and high grade iron and steel, built by expert wagon makers. Axles are trussed and the gear parts built in every respect to the patterns approved for highest grade wagon gears. Will compare in every point with the highest priced gear on the market. Capacity 5,000 lbs. F.O.B. Illinois, Indiana or Minnesota factory. Immediate shipment.

Cat. No.	Wheels	Tires	Shp. Wt.	Cash	*Easy Pay
24D20	28-32	4 x 3/8	560	\$39.65	\$43.70
24D21 24D22	$\frac{28.34}{30.35}$	4x % 4x %	570 580	40.50 41.95	44.60 46.20
24 D23	32-36	4x %	590	43.15	47.50
*10 % pa	id with order 100	a navable each	month		

#### Buy One Wheel or a Set



Sturdibilt metal wheels for standard skeins; 3 ½ x10 or 3x9. If your wagon has odd steekens order wheels complete with skeins; if standard, order wheels only. Single wheels at same rate; for example 28-inch wheels single or in pairs are one-fourth cost of 2402 set. Wheels have grooved tire 4x% inch. Special construction insures tight spokes in min and hub. Painted black; prompt shipment from Minnesota factory.

	Set 4	Wheels	Wheels With Skeins Complete		
*** • 01	a	F.O.B. Minn.		F.O.B. Minn.	
Wheel Sizes	Cat. No.	Factory	Cat. No.	Factory	
24-28-Inch	24 D1	\$15.60	24D6	\$19.55	
28-32-Inch	24D2	16.85	24 D7	20.80	
28-34-Inch 30-36-Inch	24 D3 24 D4	17.60 18.85	24D8	21.55	
2-36-Inch	24 D 4	19.55	24D9 24D10	22,80 23,50	
2-30-IHCH	2403	19.55	24010	23.50	

Farm Grain Cleaner

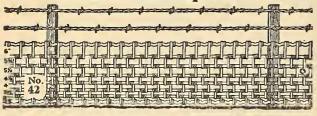
This mill is an all round, general purpose cleaner, separator and grader. It will thoroughly separate wild and tone oats from wheat, durham or barley, timothy from clover, flax from millet and mustard and will grade and clean perfectly, clover, millet, alfalfa, siske, beans, peas, corn, lespedeza, sorghum, kafir, maize, cotton seed, rice and all small garden seeds. Each machine is equipped with wheat and barley gangs. A complete book of instructions for all separations is seut with each machine. Guaranteed: To give complete satisfaction or money refunded; to clean and separate more grain than any other mill on the market with the same sieve capacity. Shipped from the factory in southern Minnesota.

22D10—35 bu. per hr. 24 in wide, 36 in. screen; wt. 175 lbs.
22D10B—Double delivery bagger for above.
22D10P—Attachment for power for same.
22D12—50 bu. per lır. 32 in. wide, 36 in. screen; wt. 230 lbs.
22D12B—Double delivery bagger for above.
22D12P—Attachments for power for same.



Guarantee Every roll of Galloway fence is absolutely guaranteed by give entire satisfaction as a stock-turning proposition to the user. When the fence arrives examine it, compare it with any other fence, test it in any way and if you are not thoroughly pleased with it send it back and we will cheerfully refund your money and pay freight both ways.

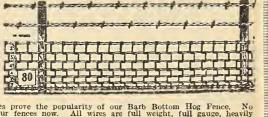
#### Farm Fence Special



An unusual value in a good farm fence. This wrapped joint style fence is easy to handle and erect. Just the thing to use this fall for hogging down corn, as it can be easily moved. Good galvanizing is the life of a fence. Test the galvanizing coat on this Galloway farm fence and you will be convinced that it is as nearly rustproof as any. Strong and substantial and a wonderful bargain at the prices we quote below. Construction. No. 11 margin wires, No. 15 line wires, No. 14 stay wires, open hearth steel heavily galvanized. Put up in 10, 20 and 40-rod rolls, F.O.B. Illinois factory, 6" Mesh

		6" 1	Mesh		12" M	
Height	No.	Wt. Rod	Price Rod	No.	Wt. Rod	Price Rod
26" 32"	35D43	4.5	23c	35 D48	3.5	19c
32"	35D42	5.3	270	35 D 4 7	4	210
39" 47"	35 D 41	5.8	31c	35 D 46	4.5	24c
47"	35 D 40	6.5	34c	35 D 45	5	26c

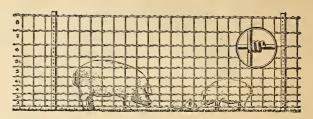
#### SPECIAL BARB **BOTTOM** HOG **FENCE**



Our tremendous sales prove the popularity of our Barb Bottom Hog Fence, No more rooting under your fences now. All wires are full weight, full gauge, heavily galvanized. F.O.B. Illinois factory.

Height 26" 26"	Top 11 10	Intermediate 14 ½ 13	Style Number 35D80 35D90	Weight Pr. Rd 4 lbs. 5 ½ lbs.	Price Per Rod 230 290
32"	11	14 ½	35 D 81	4 ½ lbs.	270
32"	10	13	35 D 91	6 ½ lbs.	330

#### Galloway Wrapped Stay Fence

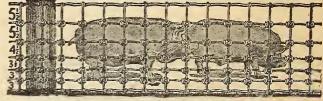


This popular style of Fence is preferred by many. Our customers will be glad they can now buy this Wrapped Stay Fence direct from us at our low factory prices. It is made from the best open hearth steel full weight and full gauge wires heavily galvanized.

Construction: No. 9 top and bottom margin, No. 11 line and stay wires all open hearth, heavily galvanized, put up in 20 and 40 rod rolls. F.O.B. Illinois factory.

Height 26" 32" 39" 47"	Style 35DB726-6 35DB832-6 35DB939-6 35DB1047-6	Wt. Rod 9 10.5 12 13.75	Mesh Price Rod 40c 47c 55c	35DB726-12 35DB832-12 35DB939-12	Wt. Rod 7 8 9.25	Price Rod 30c 35c 40c
47"	35DB1047-6	13.75	620	35DB1047-12	10.25	490

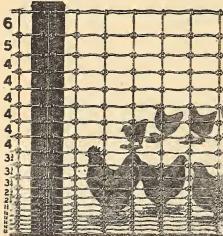
#### **Perfection Non-Slip Fence**



No better fence is offered anywhere than this pattern. Each stay is continuous from top to bottom and securely fastened to line wires with a non-slipping knot, making it one of the stiffest and strongest fences made. All wires full weight, full gauge, heavily galvanized, CONSTRUCTION: 47 in, 39 in fences have No. 9 top and bottom margin, 32 in, and 26 in, have No. 10 top and bottom, No. 12 line stay wires, open hearth steel, heavily galvanized put up in 10, 20 and 40 rod rolls, F. O. B. Illinois factory.

	6-i			1	12-in. Mesh	
Height	Style	Wt. Rod	Price Rod	Style	Wt. Rod	Price Rod
26"	35D104	7	\$0.32	35D109	5.5	\$0.26
32"	35D103	8	.38	35D108	6	.29
39"	35D102	9.5	.45	35D107	7.25	.35
47"	35D101	10.75	.51	35D106	8	.40

#### **Poultry Fence**



Spacing is close enough for practical purposes and has always given satisfaction. Furnished in 10, 20 and 40-rod spools. F. O. B. factory near Chicago.

Height, 60 in.; mesh, 8 in. . . 8.56 Solution of Solution

#### STEEL POSTS

Our posts are extra heavy, strong and long lasting, made from rail carbon steel and furnished with balanced heavy anchor plate.

TEE STEEL POSTS F.O.B.
Shor, Ulinois

			Shpg. 1	llinois
		Size and	Wt., f	actorv
Heig	tht	Thickness, In	n. Lbs.	Each
6	ft.	1 % x1 % x 1/2		310
6 1/2	ft.	1 % x1 % x 1/2	9	340
	ft.	1 % x1 % x 1/4		37c
Ř	ft.	1 % x1 % x 1/8		430
0		VGLE STEE		
^				
6	ft.	1 ½ x1 ½ x ½	7 1/2	. 28c
$6\frac{1}{2}$	ft.	1 1/2 x 1 1/2 x 1/2	8	31c
7 2	ft.	1 1/2 x1 1/2 x 1/8		330
ė	ft.		0 17	
0	I b.	1 ½ x1 ½ x ½	$9\frac{1}{2}$	38c

#### GALV. BARB WIRE

GALV. BARB WIRE
Our prices save you money—order here. F.O.B. Illinois factory.
STANDARD NO. 12½ GAUGE.
GLIDDEN Barb Wire made of heavily galvanized open heartl' steel and
put up in 80 rod spoots.
Price per spoot
point. Approx. Wt., 75...\$3.50
35D2—Glidden nog two
point. Approx. Wt. 80... 3.80
35D3—Glidden cattle four
point. Approx. Wt. 80... 3.85
3504—Glidden hog four
point. Approx. Wt. 90... 4.15

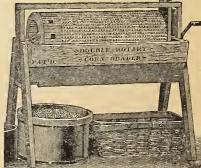
GALV. FENCE STAPLES
For the convenience of our customers we now put up 1½, 1¼, and 1½-inch galvanized staples in 10 and 25-pound bags in addition to 100-pound bags, galvanized...\$0.65
25-pound bag, galvanized...\$1.55
100-pound bag, galvanized...\$4.98



#### **Grade Your Seed Corn**

Two corrugated steel drums, one inside of the other, with perforations of different size and shape so that any corn can be perfectly graded. The coarse screen drum is inside the finer one and the corn is delivered to the inner coarse screen by means of a tube connected with hopper. Flow of corn is regulated by a screw feed on crankshaft which gives perfect control of the flow of corn. Well made, simple and compact, 30 in. high, 32 in. long, 15 in. wide. Wt. 45 lbs. Price F.O.B. Ohio factory. \$8.95





## ARM NEED Round Feeder

FOR THE STOCKMAN The smallest pig can lift the doors of this feeder, the pig roots up the lid and there is bis feed, dry and protected from weather. One of these feeders in your bog lot will prevent the half-starved condition of runty pigs. Ground feed and tankage cannot cake up in this feeder because of the ten degree pitch of the galvanized bottom. Easily adjusted to regulate flow of feed into the trongb. Two or three kiuds of feed can be fed at once. F. O. B. Des Moines, Iowa. Shipped knocked down in sections.

No. 23D1 23D2 23D3	Cap. Bu. 27 50-55 65-70	Feedin Doors 12 18 18	Bins 2 3 3	Feed Hogs 60-75 150-175 175-200	Sbp. Wt. lbs. 240 430 500	Reduced \$34.85 52.50 59.95
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Make greater hog profits this winter with the meals dished up from a Galloway cooker. Has many other uses as rendering furnace and scalding vat. Has handle for convenient bandling.

dling.

Made of best cast from—everlasting. Open bottom—build fire on the ground, or use brick foundation for inside use. Kettle, doors and frame of heavy cast iron; jacket of heavy steel, reinforced at bottom by cast band. F. O. B. Waterloo or factory near St. Paul (15 and 20 Gal sizes from Waterloo only.)

No.	Size Gals.	Circ. Jacket In.		Complete Without Cover	Kettle Only	Jacket Only	Wood Hinged Cover
2D20	15	68	120	\$ 8.35	\$ 3.65	\$5.15	\$1.20
2D21	20	74	130	9.50	4.75	5.40	1.30
2D22	30	84	170	12.95	7.15	7.15	1.50
2D23	40	93	200	13.95	7.50	7.50	1.65
2D24	50	98	250	14.95	7.85	7.85	1.65
2D25	60	106	285	16.65	8.85	8.45	1.80
2D26	70	114	330	19.15	11.15	9.15	2.05
2D27	80	119	380	21.95	13.15	9.85	2.25

## GALVANIZED SELF-FEEDER

This feeder is made from the best of materials and it is so designed and constructed that no feed can be wasted. Made in three sizes 26 in, wide by 35 in, bigb. Each feeder is equipped with three compartments. Two of these are of equal size intended for grain or ground feed. The third is smaller and can be used for tankage with other ricb feeds. All feeders equipped with special agitators. Complete in every respect when it is shipped to you. Guaranteed to please you in every respect. Shipped from Obio factory. **Dewey Waterer** To attach to any barrel or wood tank. Cast iron cups 11 ½ x 6", 4 ½" higb. Wt., 14 lbs. Mailable. (Add postage). 10D6—Ea.,

every respect	. Shipped from	d Obio lactory.
No.	Length Ft.	Cap. Bu.
12D6	-6	18
12D8	8	24
12D10	10	30

Oil float is au-tomatically reg-ulated by the up and down move-ment of the rub-biug posts. Rain proof and hog proof. Shipping wt. about 65 lbs. 75D38, 3 post bog oiler, \$5.60

HOG OILER

\$4.85

**75D38**, 3 post bog oiler, only ... \$5.60 **75D38C**, 3 post oiler and 50 gal. wood bbl. medicated crude oil. 475 lbs., \$17.95.

CRUDE OIL Specially medicated and universally used as a preventative of stock disease and germ growtb. 75D40-10 gal, can, 85 lbs., \$3.95 75D41-55 gal. hbl., 410 lbs., 13.65

#### Sled Type Fountain



\$1.73

#### **Heated Hog Fountain**



Summer or all-Year style.

Winter fountain as shown base enclosed base and lamp stove. Summer fountain has open base. Very conentient portable stock. Automatic feed. Sbipped from No. Gals. Wt. Lbs. Fountain wt. Lbs. Fountain works and to glabour of the control of the control



\$41.35

#### Yukon Cooker

Burns wood, coal or cobs. Fire door will take 10" chunk. 40 and 60 gal. sizes have 20x14" grate. Two larger sizes have 20x21" grate. Leg base permits its use indoors. Tank has four easy carrying handles. Built of 16 gauge steel. F. O. B. St. Paul, Quincy, Illinois, or Celina, Ohio. ions In. Sbp.

Cap. Gal. 40 60 90 120	Dimensions In. Long-Wide Deep 22 x 30 x 14 22 x 36 x 17 22 x 54 x 17 22 x 70 x 17	Sbp. Wt. 210 225 260 300	Price \$15.90 18.35 22.50 25.65

#### Feeding Pan



More durable and convenient than troughs. Pressed out of one piece the a vy (22-ga.) galv. steel. Fine for little pigs and poultry. 3½ in. deep. 17 in. dia. at top. Weight 4 lbs. Mailable. 12D11—Each ..... 40c Six pans, only .... \$2.19

#### The Submarine

Burns any kind of fuel efficiently. Grate is necessary for coal and is recommended for cobs or wood. Built of 14 gauge blue annealed copper bearing sheet steel with seams welded. 12" wide, 25" long, 9" deep. Equipped with ash shovel, spark arrester and two lengths galvanized pipe.



Without grate....\$7.65 With grate....8.95 32D40 32D41

#### Cast Tank Heater

Self-sinking type for burning any kind of fuel. Built entirely of cast iron for long-lived service. Draft is outside the body, giving great fuel economy and easy control of the fuel. Furnished with an adjustable hood, damper, poker and one joint of pipe.

2D18 12" dia., 24" higb. Wt. 135 lbs., \$7.35

2D19 14" dia., 24" high. Wt. 165 lbs., \$9.45



### Year-Oiled Windmill

Built entirely of steel, double-back-geared; turns in the slightest breeze, Ball bearing turn table, all working parts in oil-tight casc, strongly braced, long lived. F. O. B. factory near Chicago. 6D501—8 ft. mill, 400 lbs., \$41.35; Credit price (10 % down, 10 % per mo.), \$45.50; 6D503—10 ft. mill, 500 lbs., \$53.85; Credit price (10 % down, 10 % mo.), \$59.25

DOUBLE GEARED ELI OIL INC Steel Towers

| STRONGLY | CONSTRUCTED | AND WELL BRACED. | Price includes wood pump pole and anchor posts. | Shipped from factory near Chicago. | Towers For 6 and 8-FOOT | WINDMILLS | Cat. | Height | Wt. | Cash | Credit | Price | Cash | Ca

| Cash Credit | 9D504—W o o d pump pole, wt. per ft., 1 lb. Price per foot— 5 Cents CREDIT PRICE—Payable 10% down and 10% per month, or settle with 3, 6 or 9 months note.

#### Oil Burning Tank Heater

Furnished with a burner correctly designed for use with kerosene or distillate as fuel. Construction is very simple, entirely trouble proof. Inexpensive to operate. Five gal. supply tank furnished complete with feed line and torch for lighting.

Burns from 2 to 5 gallons of distillate in 24 hrs. Body of heater is of 14 and 16 gauge copper bear-ing steel with joints welded. Draft pipe separate from the main body, giving fuel free flow of air to the burner at all times.

27D45-F.O.B. So. Minn. Factory..... \$18.85

#### Farm Steamer and Feed Cooker

This boiler has many uses on the farm, in dairies, creameries and garages. Used for scalding hogs, thawing out tanks or wherever steam or hot water is needed for cooking, washing, heating or rendering purposes. Burns any fuel. Makes steam in 15 minutes. Holds fire over night and perfectly safe for use indoors or outside. Construction is simple and safe, making it needs to operate. it easy to operate.

#### IMPROVED STEAMER AND FEED COOKER

Sbell made of boiler plate. Heads securely welded to sbell and all seams welded. No flues to soot up or burn out. Heavy revolving cast grate with slide center for removing clinkers and asbes. Equipped with steam gauge and safety valve, set at 20 lbs. pressure. Funisbed with hand steam pump, which is not shown in view: drain valve; four feet hose and two 4-ft. pieces of steam pipe; two sbut-off valves and ash pan. Boiler fitted with blow-out fuse pipe. Outside diameter, 18 ½ in., capacity 50 gal; height 64 in. and weight 250 lbs. F. O. B. factory near Keokuk. No. 39D40 \$77.00 lbs.



Or Distillate

#### GALLOWAYS' LATEST IMPROVED MODEL

Latest improved model two-row cultivator. The improved 1930 Galloway cultivator combines the three essential features of a good cultivator; simplicity, long life and easy draft. With fewer parts than any other cultivator made but with all of the essential features it is the simplest and yet most efficient all around implement. The 1930 model has a gang control with but a single lever. A pressure spring is built in the handle against which the gangs oscillate for pressure. Gangs are attached to the arch by a malleable head casting wide enough to give rigidity to the gangs while in use without requiring a beam arch. Has a pivot axle guide and gives 30-in. clearance for corn cultivating. All castings are malleable and very strong. Built in either spring trip or pin break, and 8 or 11 shovel gangs.

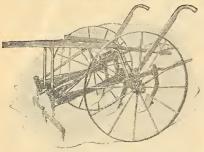
The use of 11 shovels instead of 12 permits the center row to be thoroughly cultivated without clogging the last shovel. By removing the rear casting and shank and setting back the center one to rear position it is easily converted from an 8 to an 11 shovel. Has an extra long seat bar giving the operator clear vision of the rows.

WHEELS: 40 in.,  $2\frac{1}{2}$  in. rim with concave tires and 12 spokes. Either one or two wheel tongue truck. All steel eveners are built on top of the frame giving a close hitch and very light draft. Frame and tongue truck painted red, wheels and gangs green. Shipping weight with 3 H.H. 650 lbs., with 4 H.H. 800 lbs. Shipped promptly from Kansas factory.

# TWO ROW CELTIVATOR

		With	3 H.H. (N	lo fore-carria	ge)	
	Cat. No.	Shovels	Kind		Credit	Casb
	49 D50	8 8	Pin Break		\$77.40	\$70.35
	49D51	8	Spring Tr	in	82.50	75.00
	49D52	11	Pin Break		81.20	73.80
	49D54	11	Spring Tr		86.50	78.60
						10.00
		WITI	H 4 H.H. (	Tongue True		
	Cat. No.	Shovels	Kind		Credit	Cash
	49 D55	8	Pin Break		\$87.40	\$79.40
١.	49 D56	8	Spring Tr	ip	92.40	84.00
	49D57	11	Pin Break		91.50	83.15
	49D58	11	Spring Tr	in	96.40	87.9C
ı		Credit Terms:		order, 10 %		07.00
۱					Por month.	
1			SHOVEL			
1	G-4 37-	a.	Pin B		Spring	Trip
ı	Cat. No.	Sizo	Wgt.	Price	Wgt.	Price
	49D103	8 shovels	155 lbs.	\$30.00	175 lhs.	\$36.00
	49D104	11 shovels	163 lhs.	35.00	183 lbs.	42.00

#### Light Draft, Cultivator **Body Balance**



49D203-4 shovel nin break shinning weight 341

When ordering specify whether you want the plow equipped with stubble shares, turf and stubble or breaker.

The Galloway One-Row Body Balance is the last word in cultivators. Weighs 350 pounds, has combination gangs which can be converted to either four or six shovel. Perfectly balanced, no neck weight. The special feature of this cultivator is the chain hitch; one horse pulling directly against the other. No side stress with unevenly gaited team. The gangs are made of high carbon, routed edged flat bar steel with broken shanks, and are sufficiently strong to withstand the severest strains. Note the seat balance cables, which have an indirect to withstand the severest strains. Note the seat balance cables, which have an indirect hitch on the gangs, insuring easy manipulation of the gangs, either vertically or horizontally. Wheels, 40 inches with  $2\frac{1}{2}$ -inch concave tires. Absolutely the lightest draft cultivator manufactured.

#### Prices Below F. O. B. Kansas Factory

43D240-4 shover, pin break, shipping weight 341 pounds	COA DO
Easy Pay Price: 10% down; 10% per mo\$38.40	\$34.90
49D203T-4 shovel, spring trip, shipping weight 349 pounds	20.00
Easy Pay Price: 10% down; 10% per mo\$39.60	30.00
49D204-6 shovel, pin break, shipping weight 350 pounds	20 00
Easy Pay Price: 10% down; 10% per mo\$39.60	36.00
49D204T—6 shovel, spring trip, shipping weight 370 pounds	20.05
Easy Pay Price: 10% down; 10% per mo\$43.90	39.85
	1 2 7 7
49D205—Complete set 4 shovel pin break gangs, 88 pounds	15.75
49D205T—Complete set 4 shovel spring trip gangs, 100 pounds	21.35
49D206—Complete set 6 shovel pin break gangs, 92 pounds	18.15
The state of the s	
49D206T-Complete set 6 shovel spring trip gangs, 102 pounds	23.65
one was printed as a printed with games, and printed as a	International Property of the Control of the Contro

### Horse-Lift Gang and Sulky Plows



#### **Gang Plow**

5D112—12-in. bottoms, wt. 724 lbs. . \$78.60 5D113—14-in. bottoms, wt. 740 lbs. . 79.15 Specify on your order whether you want stub-hle sbares, turf and stubble or breaker.

#### Plow Guide for Farmall



The only plow guide for the Farmall by which the tractor can be set nearer to or farther from the furrow without stopping the tractor or leaving the driver's seat. Relieves the operator of constant strain of steering, makes all furrows straight and even. Saves muscle fatigue of sitting in oue po-sition all day.

strain strain cover in the strain strain strain strain strain all day.

Steers your Farmall clear across the field without touching the steering wheel. You can give all of your attention to the plows you are all of your attention to the plows you are which automatically catch and hold the guide wheels when turning around, easily raised from the furrow without operator leaving the seat. Guaranteed to please—30 days' trial. Shipped promptly by freight from Nebraska factory.

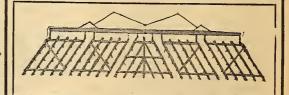
6001. Farmall \$25.00 60D1. Farmall \$25.00 plow guide

#### Ride in Comfort

An easy riding seat made to fit any riding macbinery. Bottom has strong channel drilled to fit seat spring of any implement. Quickly changed from one machine to another. Built like an auto cushion hut much stronger with 12 durable coil springs. Shipped promptly from Waterloo. Waterloo. 75D83. Each, 22 lbs. . . . . . . \$4.95



#### **Boss Harrows** With Five-Point Pulley Hitch See-Saw Eliminated



Nicely painted and varnished wood bars. F. O. B. southn Minnesota factory. Priced complete with eveners.

		Width Cut	Shp. Wt.	
Cat. No.	Teeth	Feet	Pounds	Price
24D4A4	78	13	170	\$12.65
24D5A5	90	15	190	15.45
24D6A6	102	18	230	17.60
24D45A54	138	23	\$30	22.85
24D55A55	150	26	355	25.75
24D66A66	174	29	415	30.35
24D556A655	222	37	530	38.90

All-steel, flexible harrow on outside back cover.

#### Extending Arm Stacker §

With cable hoist to handle loads of 500 to 1,000 pounds for use with one or two horses or tractor. Adjustable, extending arm feature enables stack to be started with low delivery height of 14 feet and extended to over 20 feet. Operates on the principle that the machine always makes the Sold on Easy Terms chine always makes the smallest circle possible, conser vin g power. Bottom pieces are 2\%x5\% power. Bottom pieces are 2\% x5\% and hoisting arms are 2\% x4\%. Fully ironed and nicely painted. Shipping weight, 1,150 lbs. F.O.B. Minnesota factory. No. 24D75 Cash, \$87.65 Credit Price, Payable, 10% 10% per month, \$96.40

#### Make Your Own Rope

Make Your Own Rope

At a Big Saving in Cost

Farmers and stockmen find this machine a great convenience as it enables them to make a big saving on rope. Makes rope in any length desired from binder twine and can also be used to splice a broken rope. 7½ ft. halter ties with loop on one end can be made of 18 strands of binder twine at a cost of 3½ c.

Other sizes and lengths in proportion.

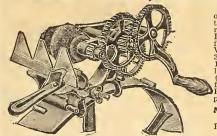
7520

Roller Bearings, Malleable Crank
\$2.75

Postpald HAWKEYE MFG. CO

Full directions with machine.

#### Sickle Grinders, Hand and Power



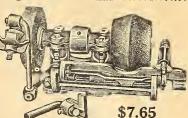
Attaches to mover wheel or bench. Bevel burr turns fast and can be held rigidly in desired position. Leaves an even, true and fast cutting edge on sickle. With bevel burr 3½ 12x20". Slpg. wt. 21 12x20". Slpg. wt. 21 lbs. Can be sent by mail. (See pareel post table in front of this book) F. O. B. factory, near Davenport. port.

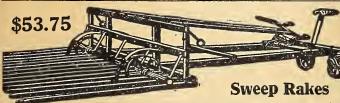
No. 10D1—Economy Sickle Grinder . . \$4.45 Flat stone for above, \$1.00

#### **Power Stone**

For power use, Equipment with fiat stone 1½ x6 and bevel hurr 3½ x4. Attachment permits use of discs up to 20 inches in diam. Knife holder easily operated and holds blades rigidly. Loug-lived hearings. F. O. B. factory, near Davenport. Shpg. wt. 42 lbs. By mail, see parcel post tables.

No. 10D2—Power Sickle Grinder ..... \$7.65





Pipe axle head with horse lift, 20-in, wheels, three incb face. Trail wheels are 16-in, with three inch face. Improved journals to keep out dust. Has fourteen 8-ft, teeth. Top head set back over rear end of teeth and axle head is supported by five pull braces giving full carrying capacity of teeth. Horse lift is operated by foot treadle. Sipping wt. about 625 lbs., f. o. b. Missouri, Minnesota or Kansas factory. 21D8—Cash Price. \$53.75 Credit Price, payable 10 % down, 10 % per month. \$59.15

Two-wheel Rake: Has fourteen 8-ft, teeth and is 12 ft, wide. Has hinged backing arms, well-braced. Mounted on two 16-in, wheels that run loosely on pins bolted to teeth. Being loose they do not wind the hay so badly. Shpg. wt. about 300 lbs.

No. 21D2—F. O. B. Missouri, Minnesota or Kansas factory. \$24.65



7205—4½ ft., 50 lbs...\$8.65
7206—5 ft., 55 lbs...\$8.85
7207—6 ft., 60 lbs...\$9.15
7208—7 ft., 65 lbs...\$9.75

Windrower (left). Furnished with for without gate for bunching. F. O. B. factory near St. Paul. Prices do not include mower.

No. Size Shp. Wt. Price Gate 72D1 4½ ft. 60 lbs. \$ 9.85 \$ 2.85 72D2 5 ft. 65 lbs. 10.45 3.15 72D3 6 ft. 75 lbs. 11.85 3.25 72D4 7 ft. 85 lbs. 13.45 3.30

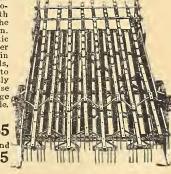
Fordson Tractor Hay Rake It is built with a frame that goes on outside of tractor. Rests on It is built with a frame that goes on outside of trac springs taking out shock in going over rough ground. Attached to Fordson with only four bolts; guides as you guide the tractor. Teeth are raised and lowered by lever at operator's seat. Entire weight is carried by tractor frame; no wheels. Shipping weight about 600 pounds. Complete with all attachments for Fordson tractor, f. o. b. Missouri factory. No. 21 D85-Cash \$63.75 Credit Price, payable 10% Down and 10% per \$70.15

#### Light Draft Hay Loader

Raking bars are of selected long-leaf yellow pine, adjusting themselves automatically to light and heavy hay. Length of delivery can be controlled from the wagon through the adjustable apron. Has a hinged tongue and automatic hitch which uncouples without driver leaving the load. Has extra large main drive sprocket and large ground wheels, making it light of draft and easy to handle. The entire machine is perfectly balanced on the axle. You can raise the loader with one hand. Discharge height more than 9 ft.—8 ft. wide. Shipping weight 1,060 pounds.

No. 20D78-F. O. B. Ohio \$93.85 Credit Price, payable 10% down and

10% per \$103.25



Only

### **General Purpose Farm Mixer**



#### SPECIFICATIONS

Length over all, 6 feet 6 inches. Wheels, 16-inch with 3-inch tires. Ground clearance, 7 % inches. Axles, 1-inch round steel, front 27 inches long; rear, 42 inches long. Weight, complete, about 370 pounds; less engine, about 270 pounds.

#### -- A Wonder Value

A well-braced and sturdily-built machine that will stand up to any kind of mixing and give real service for little money. Capacity, one wheelbarrow load to the batch, one batch to the minute. Shoveling height, 3 feet, on leg standards. Has 14-3-inch plain pulley for speed of 150 R. P. M. Can be operated by hand or with small engine of 114 H.P. or more. Weight 180 lbs. On leg standards, illustrated at the right. \$20.65

#### Farm Mixer on 4-Wheel Truck

A new and highly desirabl mounting for our Farm Mixer. The underslung construction carries the mixer base less than eight inches from the ground. Constructed entirely of steel, heavy angles being used for the bed and solid inch rod axles carrying the 16-inch wheels. Wheels have wide 3-inch tires. Bed of truck is narrowed in front to permit wheelbarrow to be set under mixer and making short turns possible.

making short turns possible.

1053C—Mixer and 1¼-H.P. Galloway engine completely mounted on four-wheel truck, \$69.75

1053—Mixer mounted on four-wheel truck without engine, sprocket bored to fit your engine \$35.80

1053T—Four-wheel truck only as illustrated \$12.85

and described above, for your own mixer.

\$20.65 On Leg Standards Mixes Concrete Washes Root Crops Mixes Fertilizers Mixes Mineral Feeds

#### **GUARANTEED**

We guarantee Aladdin Ready Mixed Paint to be made of the hest materials, to wear well, spread well and not to chalk, peel or hlister; that one gallon will cover from 250 to 300 square feet of surface two coats, according to the condition of the surface. We will furnish new paint free of charge in case any Aladdin Paint fails to come up to our claims where reasonable care has been used to apply it.

#### Barn Paint, \$1.18 Per Gal.

Galloway Mineral harn paint is most durable, being made of superior ingredients throughout. It is an absolutely waterproof coating and recognized as a durable, natural preservative of wood.

This mineral harn paint is also adapted for shingles, iron roofs, structural iron roofs, harns, elevators, posts and timhers which go under ground.

	13D3-RED BARN PAINT	
Quantity	Shp. Wt.	Per Gal.
1-gallon can	15 lhs.	\$1.35
5-gallon can	60 lbs.	1.30
25-gallon hhl.	330 lhs.	1.24
0-gallon hhl.	640 lbs.	1.18
o garacta zaza-	F. O. B. Chicago, Illinois.	



Colonial Yellow Bungalow Brown Ceiling Blue Bung Pea Green Pearl Gray Light Lead Chrome Green Maroon Inside White Brick Red Dark Lead Vermilion Black

Aladdin House Paint offers you every feature you expect from the highest priced paints and our prices will make a very substantial saving on your order. Simply compare the prices asked and the guarantee back of the paint. Aladdin Paint is a fresh, easy-flowing paint with full color body and luster and long wearing qualities.

Paint is an investment and not an expense. It adds hundreds of dollars to the value of your property and checks decay. Aladdin Paint, properly applied, will restore your buildings to new well-kept appearance and preserves the wood. Make out your order today for Aladdin Paint, compare the total cost with prices on other guaranteed paint. Order it under our guarantee at the top of this page—the results will be highly pleasing to you.

**Hand Seed Sowers** 

12D2—HOUSE PAINT, COLORS
Intity Shp. Wt. Property on can 15 lbs.
On drum 75 lbs. 13D1-WHITE HOUSE PAINT Per Gal. Shp. Wt. 15 lbs. Quantity Quantity 1-gallon can 5-gallon drum 1-gallon can 5-gallon drum \$2.05 1.99 2.07

#### Thermo Jug 98c



Full 1-gal. capacity double wall inglass lined with basam wool insulation. Keeps liquids hot or cold. Just the thing to take to the field. For mail shipment add 20c for postage.

75D5-Thermo Jug 98c



#### Horn Type

An old favorite; very simple, Used for all small, smooth seeds like clover, alfalfa, timothy, flax, turnip, etc. Fitted with patented guage for regulating feed and direction sheet for setting. Heavy canvas hag with coafed tin spout.

52D73 Each, postpaid, \$1.00

## YCLONE SEED SOWER

#### Mole Trap



85c



FORD PULLEY

This Pulley and Bearing Assembly is made to attach to the rear end of Ford motors for belt power work. They are well made and durahle. A special shaft to into the trainsmission provides the proper connection. A special shaft with squared end, extending outside pulley for tumbling of connection on elevator can he furnished at 50c extra, either size, F. O. B. Waterloo.

21D46—6-in helt power pulley. Wgt. 25 lbs. \$7.50
21D50—8-in. helt power pulley. Wgt. 30 lbs. \$5.50



This governor is very sensitive and responds quickly to any variation in

Only

variation in load, opening and closing the carbinetor as speed and load demand. Makes moto 100% cflicient and does a hetter joh of feeding gas the motor than an operator could do. This governor furnished with Galloway Ford Chassis Mills when spee fied and additional remittance added.

45D47—Ford Governor, postpaid. \$8.75

#### **Power Grindstone**

Frame is made of heavy angle steel, 1½ x 1½ x ½ inches, strongly hraced. Regularly equipped with higb-grade selected stone, 24x2 inches, mounted on a %-inch shaft with 12x2 %-inch pulley. Heavy steel roller bearings. Equipped with hand crank and dip c up. Shipping weight about 100 lhs. F. O. B. Ohio factory.



Steel Wheelbarrow

Landslide long erough to cut for any plow.



A light, strong and durable wheelharrow that will be found Tray is pressed out of one sheet with 5/16-in. rod rolled into the top. Tray measures 28 ½ x34 in. with a capacity of three cubic feet. Heavy steel wheel is 15 in. in diameter with 1%-in. tire. Length over all 57 in. Wood legs and frame. Shipping wt., 55 hs.

COMPLETE WITH BOLTS For All Makes of Plows Ready to Bolt on Plow Shipping Wt. postage Right Hand

In ordering be sure to STATE MAKE OF PLOW AND NUMBER OF SHARE.

Share

 Partly Finished Shares
 for Any Plow Solid Steel Soft Center \$1.75

 Share
 \$1.75

 \$1.75
 \$2.50

 2.05
 3.10

#### **Plow Shares**

Since we can furnish right hand shares for practically any make of plow, a detailed list of patterns is omitted. Such a list will, however, he furnished upon request. These shares are ready fitted and come complete with holts for attaching. No hlacksmith work is necessary. Pattern numbers and size are stamped on the hack of the shares now on your pow. On your order give us these numbers and letters and also tell us the make of the plow. Shares are shipped promptly from the Illinois foundry, 12 in. shares weigh 12 lbs, each; 14 in, weigh 14 lbs, and the 16 in. weigh 16 lbs. Shipment by express unless you include postage.

Solid Steel Shares for Sandy Soils Only Save money at these prices. Prices helow apply to

ready-ntied	snares.		
No.	Size of Share		Soft Center
17D121	12x 1/4	\$2.00	\$3.00
17D129	12x9/32	2.10	3.15
17D125	12x5/16	2.20	3.30
17D141	14x 1/4	2.20	3.30
17D149	14x9/32	2.30	3.40
170145	14x5/16	2.40	3.50
17D161	16x 1/4	2.50	3.55
17D169	16x9/32	2.60	3.70
17D165	16x5/16	2.70	3.80



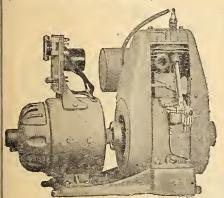
## Five-year Guarantee on Galco Replacement Batteries

Guaranteed now for five years of service. Galco Farm Light Batteries represent the highest type of battery construction and the most discriminating choice of materials. Recent redesigning of plate sizes and capacities embody the fruits of years of battery building experience and research, making it possible for us to offer batteries of larger capacity at even lower prices than heretofore.

Good electric lights increase home comforts and reduce fire risk every day and night of the year. Restore your light plant to its original efficiency by replacing that old battery with a new GALCO. It is poor economy to use an old battery that is almost through. Fuel costs increase due to long periods of charging required, it is also necessary to run engine to keep the lights bright, not to mention the danger of damage to the generator. Galco batteries in sealed glass jars can be used in connection with any make of light plant.

#### Generators for the Farm

Galco generators are a completely self-contained unit including engine and generator, direct-connected, and switchboard. In combination with a Galco battery they make a complete farm lighting plant. Switchboard is arranged so that no special electrical knowledge is required to make connections. Has switch to start engine from the battery. Engines are of the four-cycle, single cylinder, air-cooled type, nicely adjusted and carefully balanced. They are highly economical of fuel and oil and built rugged and oversize for long life. High tension magneto built in. The 400-watt plant has a 1 H.P. engine. It should be used with battery not to exceed 112 ampere hour capacity. The 900-watt plant is suited for 112 and 168 ampere hour battery; engine is 2½ H.P. 32-volt-generator shipped on all orders unless 110-volt is specified.



		*Install-
	Cash	ment
30D15 -400-Watt plant	\$157.85	\$173.70
30D15C-As above with 84 A. H.		
battery	231.00	254.00
30D16 -900-Watt plant	259.60	286.00
30D16C-As above with 168 A.H.		
hottown	960 00	405.00

\*Installment terms: 10% with orders; 10%

### **Points**

Shipping 7

Prompt shipment—ready for use—from any of these seven points. Philadelphia, Memphis, Atlanta, Boston, Kansas City, Minneapolis, and Milwankee City, Mini Milwaukee.





## Complete 350 Watt Plant Only

\$123.85

This complete plant is designed for use WITHOUT BATTERY. Engine and generator are as described above but without switchboard. Generator base has socket to plug in the line wires. Current supplied is 350 watts, enough to light fourteen 25-watt lamps or operate a 1/4 H.P. motor. Has a convenient foot-starting lever. Furnished for either 32 or 110-volt direct current (not alternating).

ALL DIMENSIONS: Length 25 in., height 18 in., width 12 in. Weight approximately 125 lbs. Priced F.O.B. Wisconsin factorv.

30D1-350-watt plant. (Specify voltage.)

> ...\$123.85 Installment, 10% down, 10% per month ... 136.50



#### Selecting the Right Size

Since the life of a battery is rated in cycles consisting of one complete charge and discharge, it is very necessary that the battery selected for your needs has sufficient capacity. A very simple method of determining the size needed is to compare the total number of watt hours used each day with the watt hour discharge rating of our eight sizes of these batteries which is given in the fourth column of the price table below. For example:



Save 35 to 50

All batteries are carefully packed and include cell connectors, lead bolts, four terminal connectors and hydrometer. Battery rack shown is not furnished. Priced F. O. B. Minneapolis, Milwaukee, Kansas City, Boston, Atlanta, Memphis and Philadelphia. Sixteencell battery for 32-40 volt service.

Ampere Watt Hour

٦	1		Ampere	Watt Hou			
i		No.	Hour	Discharge	Shp. Wt.	Cash	Credit
ı	Cat. No.	Plates	Rating	Per Day	Lbs.	Price	Price
ī	Cat. No.	7	84	360	390	\$ 78.15	\$ 86.00
i	31D109	å	112	480	525	87.85	96.60
	31D111	11	140	600	620	102.75	113.00
ě	1 24 D442	13	168	720	785	113.45	124.80
U	31 D113 31 D311	11	210	900	830	132.50	145.80
ı	31 D313				945	149.60	164.60
		13	252	1080		174.30	191.70
	31D315	15	294	1260	1065		248.60
L	31D317	17	336	1440	1420	226.00	248.00
		DICTOR					

CREDIT PRICE—Payable 10% down and 10% per month without interest or on 3, 6 or 9 months' note. Bo sure to fill out credit statement on order blank.

#### Greater Value in a Cast Iron Range

The oven of the Winner is one of its strongest points. Flues lead the heat from the fire over and under it. As a result the whole oven heats quickly and evenly. You can bake in any part of it and be sure that you are not in danger of underbaking at the bottom or burning at the top. The cast iron of the oven radiates an even flow of heat into every corner. Bakings and roasts from this great stove will give you new pride in your ability as a cook of delicious dishes. The oven is kept fresh at all times by a patented ventilator which removes all moisture and odors, keeping the oven air dry and fresh. The draft controls are in front, where they are easy to handle. They, and the oven door thermometer, make it a simple matter for you to hold your temperature just where you want it.

want it. WARMING CLOSET: WARMING CLOSET: A big two-door warming closet is a handy place to keep dishes hot. The drop door, when open, makes a handy shelf for drawing them out. SPLASHER BACK: Splasher back is of

Armco iron, white enameled. Smoke pipe is carried behind it. This improves appearance of stove and increases room on cookance of stove and increases room on cook-

ance of stove and line to the cooking to the cookin special hot blast fre box which makes it very eco-nomical of fuel and burns soft coal almost without smoke.

GRATES: Let us know what kind of fuel you use and we will send you the grate adapted to it. No

grate adapted to No extra charge. RESERVOIR: 26-quart reservoir gives you a big supply of hot water. Galvanized inside and out and there-

Galvanized inside and out and therefore cannot rust.

SPECIFICATIONS: Oven, 20x20 by
13 inches high; top, 47½x27½; firebox, 9¼ inches wide, 10 inches deep,
18 inches long for coal, 21 inches for
wood; 26-quart reservoir; pipe collar, 7
inches; shipping wt. 590 bs. Prices f.o.b.
Michigan factory.

Price with High
Closet and
GRESERVOIR
Finish Cash Credit
Cash Cred

Price with High Closet, Less Reservoir Cash Credit \$54.70 \$59.95 of Finish .\$59.75 \$65.75

4D12—Black . \$
4D10—Blue, Tan,
Grey or Green
Enamel . . . . 83.60 85.75 75.95 94.50

#### **Oil Stoves for Summer**

Most economical type of oil stove on the market. Burner consumes only 1 gallon of kerosene in 24 hours at full cooking heat. Glass tank well protected and covered. Short chimney brings flame directly beneath the utensil which gives greater cooking heat at least cost.

Wicks easily raised or lowered; lights with match and flame adjustable to any height by merely turning wick up or down. Burners are porcelain enamel and body is japan. Legs well braced by handy lower shelf. Furnished in either three or four burner size with or without shelf, at prices quoted below. Cooking top 31 inches from floor. Satisfaction guaranteed. Shipped

Sat. No.     Burners     inches     Pounds       15 D62     3     34x18     70       15 D63     4     45x18     85	High With High Shelf \$16.95 \$20.25 \$25.65 \$1.00
--	---

from Waterloo.

#### Wickless--A Hot Blue Flame



A light portable oil stove convenient for canning. wash days or summer kitchen use. Uses asbestos lighting Fings. Burns with hot blue flame, easily ad-justable. Made of

pressed steel, finished in black enamel. Height 10 in. Furnished in either two-burner or three-burner size. Very compact, light in weight and handy to have for many uses. Shipped by express

from Waterloo. Article Size of Top Shp. Wt. Pric No. No. Burners Inches Lbs. W 75D60 2 22x14 22 75D61 3 31x14 30 75D100—Asbestos lighting rings, per dozen, postpaid. Price f.o.b. Waterloo \$5.45 1.10

## The Aladdin Winner range is offered in your choice of four popular enamel colors in addition to black: Blue, Gray, Tan and Light Green. Polished top and enamel high shelf, is regular equipment. **Electric Lantern**

85.75

CASH

The little lan-tern with the big Oversiz battery gives 75 hours continuous or 120 hours intermitent light. Heavy metal case finished in red enamel. Highly termitent light. polished barabolic reflector giving long range. With slide and button switch for continuous or intermitent light. A safe and economical light to use around the barn or with the auto. Com-plete with battery. 75D39—Postpaid, \$2.95

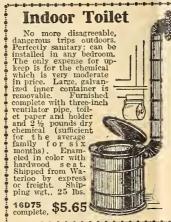
Extra battery, 55c



\$8.00

Down and

\$8.00 Per Mo.



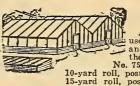
#### Faster, Easier Sewing

Rotary, Self-regulating tension. The Rotary runs a third faster than shuttle machines and has a greater capacity for work. Self-regulating tension adjusts itself automatically to thin or thick materials; a wonderful improvement. The Rotary will not clog nor choke up.

The sewing head has an extra high arm, decorated in black enamel and imported transfers. All working parts of the best quality, oil-hardened steel. Full set of attachments in enameled box and book of instructions with every machine.

Quarter-sawed oak, hand polished and rubbed. Six drawers. Sewing and rubbed. Six drawers. Sewing head silently raises as work table is unfolded. Weight, 135 lbs. crated. F.O.B. Illinois factory.

8D11—Aladdin Rotary \$43.75



**Aladdin Cloth** A substitute for glass that has unlimited

uses. Flexible, cuts with ordinary shears and is quickly tacked in place. Transmits the violet rays. 36 inches wide.

No. 75D1—5-yard roll Standard, postpaid, \$1.60 

10-yard roll, postpaid 2.99
50 yards or over, per yard, 27c, prepaid.
No. 75D6—10-yard roll, Double Strength, Postpaid. \$4.95
50-yard roll, 47c per yard (by mail add 1c per yard). Small quantities, 60c per yard, postpaid.

#### Our Leader Bed Bargain

The most attractive offer we have ever been able to make on a complete bed outfit. Compare this value with prices elsewhere and you will appreciate this unusual bargain. This complete outfit includes the Brown Beauty Bed illustrated, our 45-1b. mattress, illustrated, and our No. 51D63 self-supporting link spring. Shipped from Waterloo at the lowest prices ever offered. No. 51D501C—Bed, springs and mattress, shipping weight 136 lbs., F. O. B. Waterloo. \$17.85 NO. 51D501C





## Value Supreme In Aladdin Queen

OULLY
OUR Aladdin Queen
Washers are now
equipped with the
new scientifically constructed cast aluminum dolly, illustrated
at right. Actual working tests have proved
that this dolly washes
5 per cent faster
than the old wood
dolly, \$49.90 Tub Style

One of the most finely constructed and excellently designed washers ever placed on the market. Every part is of excellent material and workmanship, perfectly fitted and of unusual strength. With ordinary care this washer will give you satisfactory and efficient service for

care this washer will give you satisfactory and efficient service for many years.

The gears are all excellently cut, smoothly machined and completely enclosed in oil tight cases. They are then packed in hard oil which insures smooth and quiet running and eliminates wear. All of the power mechanism on each of the four styles of machines is under the frame and out of the way which insures safety.

The power driven, swinging wood wringer locks at any position desired. It has extra wide reversible drain boards and may be used for rinsing while the washer is running. It has large 12 inch rubber rolls that will wring any material from light fabrics to heavy bedspreads, and is sequipped with a safety release lever to instantly release the tension on the rubber rolls.

Built with either wood or corrugated copper tubs in both engine driven and electric styles. The engine casters. All types of this machine have large three tub stand, Engine driven machine weighs about 240 pounds. Shipped promptly from Illinois factory.

\$53.50 Copper Tub Style -Engine Power-Cash Credit Cash Credit

CREDIT TERMS

Installment price is payable 10% with order and 10% per month. Be sure to fill out property statement on back of order blank. Electric and Engine Power Washers

\$49.90

\$55.90 58.80

\$62.65 69.90 \$68.90 76.90

Sie diam 7 Hips.

8D33—Wood Tub ..... 53.50 8D41—Copper Tub \*For 110 volt. If for 32 volt add \$2.50

A bigb speed dolly washer for engine power use (illustrated) or with hand lever. Tub is of southern Cypress, 22" in diameter at the bottom, 13" deep. All gearing is well covered beneath the tuh. Ball bearings used are set up in vaseline so that it will not need oil for years. The double lever with walking heam connection equalizes the power and gives high speed to the agitator. A guaranteed machine at an unusually lowrice. Shipped from northern Illinois factory.

For Hand or Engine

\*···.\$16.75 8D24—Engine Power, 115 lbs. . . . . . . . . 19.65

Don't Read This DON'T READ THIS unless you want to he convinced of the wonderful value and service Galloway washers give.

"We have a power washer from you folks. It has been a dandy good one and is simply worn out. We want another just like it."

J. Ludlum, Elsmore, Kansas.

"Please send your washer catalog. We got a washer from you 14 years ago and it has just given out."

G. H. Tucker, Brimfield, 1ll.

"We got a power washer outfit from you 9 years ago and it was the best one I ever saw."

ever saw."
Mrs. G. M. Broodus, Earlville, Ia.

#### **Gusher Type Washer**

Heavy, polished copper tub, nickel plated inside, enameled outside. Has a cast aluminum four wing submerged gyrator. Sixty pounds of washing per hour capacity. All metal swinging reversible wringer with large soft rolls.

Frame is rigidly built of pressed steel and channel iron. Light weight and free from vibration. A quiet smooth-running machine with no rack bars or springs to break.

ELECTRIC S T Y L E. Furnished with ¼ H.P. standard electric motor.
All cut gears in oil tight case. F.
O. B. Illinois factory.

Cash 7D26 \$76.85 \$84.60

For 32 volt motor add \$2.50

WITH GASOLINE MOTOR. Has sturdy ½ H.P. 4 cycle gasoline motor mounted under the tub, with foot treadle for easy starting. Fully guaranteed and dependable power machine. Her beautiful. machine. Has heavy ball feet instead of castors.

Cash Credit

7D28.... \$129.90 \$142.90

Credit terms: 10% down, 10% per month.





This type of washer with either single tub (illustrated at the left) or double tub (shown at the right) is the most generally satisfactory for farm use that we have ever sold. Tubs are built of selected southern red cypress with staves sealed with hot glue and bound with three rust-proof steel hoops. Each tub is carefully inspected hefore heing varnished and is finished with durable water-resisting varnish.

The tubs on our New Power Washer the

resisting varnish.

The tubs on our New Power Washer, at the right and the Twin Tub Washer below measure 21 inches across at the top, 23 inches at the bottom and are 13 inches deep. Corrugation extends the full length of the staves and covers the bottom. This corrugation, with the wood dolly, as pictured below, gives the closest possible approach to hand rubbing and eliminates all of the hard work from wash days.

The winger rune gither for

#### The Twin Tub Washer

The same type of nacine as the single tub bench washer shown and described above. Same description applies on this machine as to the new power washer with the addition of the second tub. Both tubs on this Twin Power Washer are operated by drive pulley, all bearings being carefully covered to prevent accidents. For description of the mechanism, construction, size of tubs, etc., see our New Power Washer above. Floor space required 27x64 inches. Shipping weight about 375 pounds, F. O. B. Illinois factory.

Credit 

 7D3—Single tub power washer.
 \$39.90

 7D3C—As above, with 1 ¼ H.P. Engine and Belt
 74.80

 7D15—Twin Tub Eugine Power Washer.
 59.90

 \$ 43.40 82.30 65.90 7D15C-As above, with 1 1/4 H.P. Engine and Belt..... 94.80 104.30 Credit Terms: 10 % with order, 10 % per month.

A Wonderful Machine for Big Washings Sold on Easy Terms With 11/4 H.P. Engine \$59.90 F.O.B. Factory Only \$94.80

## Buy a Dependable Chick Hatcher



Our Galco improved incubators are made of redwood with double walls, including ½ inch thickness of "nuwood" or "Celotex." This construction affords a perfect insulation of the egg chamber. Top edges are protected by a heavy moulding giving the case a handsome and substantial appearance. Double glass doors afford a dead air space protecting against the colder outside air. Heating system is built entirely of pure rolled copper with smooth turned angles and joints. Double lock seams cannot leak. Cross pipes according to the size of machine.

## Roof Saddle

Egg Cap. 85

Adjustable to the pitch of your roof. Complete ready to install with rain cap but no pipe. Our price saves you at least 30c. Specify whether for 4 or 5-inch pipe. 16D70-Wt. 2 lbs. Each.....90c

F, O. B. NORTHERN ILL. FACTORY
Lap. No. Trays Over-all In. Shpg. V
85 1 21 x23 80 II
50 1 30 x27 100 II
50 2 31 x40 135 II
00 3 31 1/2 x69 165 II
00 4 51 x66 (2-deck) 500 II
00 12 51 x66 (3-deck) 750 II

Galco Drum Oil Brooder



All hrass of highest quality, 3" diameter. For repair purposes on both incubators and prooders. Specify which kind is wanted.



Price 12.45 16.95 21.85 29.95 43.85

Postpaid each 40c; 2 for 75c.

#### Oil Burning Brooders

These brooders cannot overflow while burning. Oil pipe line is brazed into a one-piece, oil-tight unit. Attractively enameled steel shell encloses and protects all parts. Heavy galvanized steel canopy is die cut with adjustable ventilator. "Hand control" style does not have thermostatic regulator.

The "Automatic Control" blue flame brooder with the new pilot light cares for your chicks like a motherly old hen. Automatically controls from a full blue flame to a candle light pilot light. No need for attention except to keep oil

Both styles guaranteed not to produce smoke or gas. Develops intensely hot, lear blue flame. No generating with gasoline with our Rockwire Lighting Ring. Shipped by express or freight from Waterloo or factory near Quincy, Illinois,





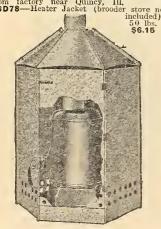
at.	Canopy	Chick	Burner	Conti	
o. D39	Diam.	Capacity 300	Size	Sh. Wt. 33 lbs.	Price \$7.90
D40 D41	42" 52"	$\begin{array}{c} 500 \\ 1000 \end{array}$	3 ½ " 5 "	40 lbs. 51 lbs.	8.85 9.75

	Contro	
No.	Sh. Wt.	Price
16D36	39 lbs.	\$10.8
16D37	46 lhs.	11.8
16D38	57 lbs.	12.8

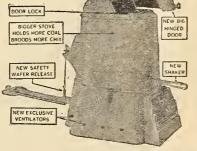
HENHOUSE HEATER

This galvanized steel jacket converts: any coal or drum type oil hrooder into a highly efficient circulating heating plant. Has submon base, Has six sides approximately 30" in diameter; 48" high. One section hinged to permit easy access to hrooder. Shipped from factory near Quincy, Ill.

16D78—Heater Jacket (brooder store not included)
50 lbs.
\$6.15



#### Coal Burning Brooders in Two Popular Models **Favorite By-Pass Brooder**



Patented "By-Pass" draft control (shown at the left) furnishes the strongest draft and the most positive check. When heat expands the wafers they open check damper in the "by-pass" channel. This pulls the draft up the "by-pass" channel away from the fire, quickly checking the leat. This prevents pipe clogging when soft coal is used.

The barrel is a one piece casting without joints, absolutely gasproof. Burns either hard or soft coal. The large coal capacity, removable baffle plate, properly tapered barrel and "by-pass" control make this the greatest soft coal stove on the market. Our rocker type of grate—a regular furnace grate—keeps the fire free from clinkers. Canopies are formed over accurate dies from heavy 26-gauge steel. They rest upon and are supported by the stove top. Choose a Galco for its rugged construction, big hinged door and many exclusive features.

## \$9.95

#### **New Double Draft Design**

An excellent hrooder of approved design (illustrated at the right) with unsually efficient automatic control. Unexcelled for its superior check damper, big coal door, unohstructed top, large coal capacity and heavy construction. The double wafer thermostats control a draft damper in the ash pit and check damper below the pipe opening. Check damper below the pipe opening to the pipe, operating very effectively. Coal door covers a full half of the top. No dampers or other parts on the stove top. Revolving canopy eliminates ropes and pulley.

_										2005
16D33-42-inch	Canony	500-chick	size.	5-inch	pipe.	Shipping	weight	90	lhs	\$ 5.50
10B00 12 Inch	Canopy,			F 1		City in rains or	moight.	110	The	12.95
16D3452-inch	Canopy,	1000-chick	size,	o-inch	pipe.	purbling	Weight	110	lbs	45 00
46035_62-inch	Canony	1400 Chick	size	5-inch	pipe.	Shipping	weight	130	lbs	15.50

#### Warm Water Makes More Eggs

#### Lamp Heated Founts

Drinking cup extends all the way around fourt and is of ample width. Oil reservoir covers entire hottom of heat unit holding an unusually large supply. Lamp base is removable for summer use of fount. Water supply can has large ball for handy filling. Tank is made in separate units for easy cleaning.

16D11-5 Gal. Cap., Wt. 16 lbs. \$3.15 16D12-10 Gal. Cap

Wt. 38 lbs. 5.35 2 Gal., \$1.65

SMALL SIZES

Water tank has one large drinking cup. Oue piece construction, standard size oil reservoir and burner.
75D30—2 Gal. Cap., Wt. 7 lbs. \$1.65 16D10-3 Gal. Cap., Wt. 8 lbs. 1.95

PARTICIPATE PARTIC



## Thermos Type An insulated fount which does not spill water when filling or per-mit cups to overflow. Easily cleaned, sanitary in every respect. Four drinking cups give ample watering space. Packed with hal-sam wool.

Prepaid to You 100% Live Delivery

Galloway's thrifty chicks are hatched only from flocks that have been carefully culled for years. The most famous strains of each hreed have been brought to their highest development to insure heavy egg and meat producers. We guarantee them to run absolutely true to type and name. These chicks are as stroug, hardy, fast growing and pure bred as money can buy.

Build your flock on these quality chicks and watch poultry profits climb.

We guarantee these chicks to be true to type and name and to reach you 100% alive. If you do not receive full count of live pepty chicks report to us, at once with the postmaster's certificate and we will refuud for all lost in transit.

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	1	TO AP	RIL 30.	1930			AFTER	NI A
	50	100	300	500	1000	50	100	3
	\$6.50	\$12.00	\$35.00	\$57.50	\$110	\$6.00	\$11.00	\$32
	7.00	13.00	38.00	67.50	120	6.50	12.00	3!
	8.00	15.00	44.00	72.50	140	7.50	14.00	4
	8.50	15.50	45.50	75.00	145	8.00	14.50	4:
	8.75	16.00	47.00	77.50	150	8.25	15.00	4:
		44				E E 0	40 70	

300 500 1000 2.00 \$54.00 \$105. S. C. White or Brown Lebborns. S. C. Buff Legs. R. C. Br. Legs. S. C. R. I. Reds. Barred Rocks. 5.00 59.00 115 1.00 67.50 132 2.00 70.00 Buff or White Orpingtons... 3.00 73.50 144 Assorted.... 11.50 33.00 53.00 104 5.50 10.50 30.00 50.00

**Baby Chicks** 

#### **Grain Saving Feeders**







ADJUSTABLE Adjustable for all sized chicks. 5 ft. feed in g space. One bushel capacity. Adjustable from day-old chicks to mature fowls. 52035—Shpg. Wt. 28 lbs. . . . . \$6.50

#### CAN'T CLOG

Round style. Gives large feeding space with economy of floor room required. Kceps feed clean and dry to the last grain. Stops all feed waste. Suspension chains are adustable for feeding heights. Built of heavy galranized steel and channel iron for life-time use.

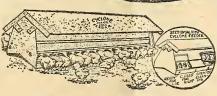
52D27—20 qt. cap., 14 lbs. . . . \$3.00
52D37—32 qt. cap., 18 lbs. . . . \$3.50

#### HANDY ANDY

Similar to above but, with canvas bag supported by a bail instead of steel drama and stand. Feed pan is exactly the same. Holds 2 qts. grain or mash

52D32—Each, post-paid . . . . . \$2.50





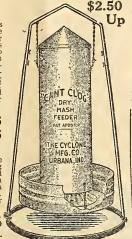
#### **Junior Chick Feeders**

Feeds buy chicks from both sides. Holds % bushel. 31" long, 11" wide, 12 ½" high, giving over 5 ft, feeding space. Provided with lids for feeding tray to protect grain from rats.

520131 as shown above has over-banging caves, protecting ebicks and grain from rain when used outside. No. 520130 has slide top for convenient filling without the rain-shed roof.

520130—14 bles occh.

52D130—14 lbs., eacb. \$2.70 52D131—17 lbs., eacb. 3.25



#### Chick Feeders



By means of simple adjust-ments this feeder takes care of small chicks, broilers and even large fowls. Well made of galvanized iron with hinged cover. Mailable if postage is included. F. O. B. Indiana factory.

Lots of Six, Wt. Lbs. 24 \$ 21 30 1 No. Lengtb Lbs. Each 52D320 20 5 \$1.10 52D330 30 7 1.65 52D340 40 10 2.10

> FREE Majestic glass barrel syringe given with your order for 200 doses or

## 

Laying Nests

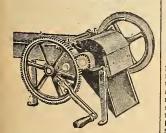
**Brood Coops** 

Made of beary galvanized steel with weatherboard corrugated on roof sides, Well ventilated on each side of the roof. All parts made with sliding seams, but parts made with sliding seams and sliding s

Kills Lice! Hang up bottle; no dusting, no dipping, no trouble. Uncorked bottle spreads powerful vapors to reach the lice, mites, chiggers, roaches, ants, bedbugs, etc., without barm to poultry. "Licemist" destroys them.



#### Clayer Cutter



Cuts either green or dry clover, alfalfa, vegetable tops, etc., into the ½-in. lengtb most suitable for poultry feeding. The 7-in. steel blades work against a hardened iron adjustable cutting bar, and are easily removed for sharpening. Has two corrugated feed rolls. For mounting on box or bench. Shp. wt. 70 lbs., f. 0. b. Wisconsin factory. \$12.95

#### Guaranteed Happy Hen Remedies

\$5.00.

HAPPY HEN CANKER REMEDY—For local application in Colds, Roup, Cauker, Bronchitis, Rheumatism, etc. A sootbing, penctrating oil that relieves the congestion, sterilizes and aids in bealing. Pkgs. 55c, \$1.10, \$2.50 and \$5.00.



PRICE S1.00

BUPPY HEN REMEDY CO.

Pkgs. \$5.00.

BODY LICE SALVEapplication every four months keeps the flock from body lice. 55c, \$1.10, \$2.50 and

HEAD LICE SALVE—Destroys and repels the bead lonse. Safe to use on all young birds. Pkgs. 30c and



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BLACKLEG



It is not necessary to vaccinate more than once during the life of the calf if Beebe Blackleg Aggressin is used.

## APPLE

ONE-YEAR AVERAGE, 3 TO 4 FT. HIGH

- Yel. Transparent
- Duchess Wealthy
- Stayman's
  Winesap
  Grimes Golden
  Golden Winesap
- McIntosh

Jonathan 4 Delicious

GALLOWAY'S IDEAL ORCHARD BARGAIN

These 14 Spiendld Apple Trees—
Finest Fruiters
This is a real sensation, high quality trees, very best varities, price unbelievably low. They are hardy, northern grown, with splendid root systems. At this low price this bargain cannot be divided or changed in any manner.

(If you desire these 14 fine Apple trees by parcel post, add 30c extra, to cover postage.)



#### **Our Finest Northern Grown Apple Trees**

There is no home in the land that should not have at least a few apple trees, either on the back lot or front lawn, to produce the most delicious, healthful, and popular of all fruits. As for an apple orchard, there is no finer, better paying investment than this-ask the man who owns one.

Our Apple Trees are all hardy, Northern grown, their scions having been taken from bearing trees to eliminate any possibility of mistakes in varieties, and grafted on whole root. They have been cared for by expert growers and are the thriftiest, best rooted lot ever produced.

#### Fall and Early Winter Apples

Wealthy. Wonderful apple, medium to large size, very hardy, great producer; fine flavored. Wolf River. Very large, skin splashed with red; flesh white and rather coarse.

Fameuse (Snow Apple). Pure white flesh,

red; fiesh white and rather coarse.
Fameuse (Snow Apple). Pure white flesh,
deep crimson skin. Excellent quality.
Maiden Blush. Reddish tinge on light yellow
skin; flesh white and tender.
Chenango. Long, pointed; yellowish white.

#### Late Winter Apples

Delicious. No other apple like them. Beautiful red with pin dots of yellow and traces of hlended golden green, fine grain, crist, juicy, sweet.

hlended golden green, fine grain, crisp, juicy, sweet.

McIntosh Red. Hardy and cold resistant, makes them dependable for cold climates. Wonderful tender skin, juicy, hardy, bears well regularly, good size fall and winter apple.

Stayman's Winesap. Larger and juicer than the common Winesap. Rich, dark red color. Good producer.

N. W. Greening. Best and hardiest Greening. Fruit large, greenish yellow, firm and fine grained.

Tolman Sweet. Large sweet apple. Hardy.

Winesap. Red, flesh firm with a rich, rather acid flavor. Gano. Bright red on yellow ground, large and ohlong. Grimes Golden. Extremely popular. Flesh yellow, firm, very fine grained, juicy flavor.

Roman Stem. Pear-like flavor; tender and juicy.

#### APPLE TREE PRICES

The following prices apply to all apple trees, including crabs, shown on this page except the two special bargain offers. Less than 50 trees at the 10 tree rate; 50 trees or more at the 100 tree rate. All strictly first class trees. It pays to plant this large size, healthy stock.

4 TO 6 FEET AVERAGE HEIGHT

Each 10 Trees 42c \$4.15

100 Trees \$32.00

One year, well-rooted and thrifty. 1 Yellow Transparent (summer apple), 1 Jonathan (fall apple), 1 Deli-

rransparent (summer apple), 1 Jonathan (fall apple), 1 Deli-clous (winter apple), 1 Stayman's Winesap, the higgest apple tree hargain ever offered, quality guarauteed, the 4 trees for only

\$1.00

#### HARDY CHERRY TREES SUPERIOR QUALITY

**Summer Apples** 

Early Harvest. Yellow apple, tender, juicy flesh. Good bearer. Red June. Abundant bearer, fine flavored. Red Astrachan. Best early apple for North. Yellow Transparent. The finest of summer

yellow apples,
Duchess of Oldenburg. Fruit round, large,
streaked red and yellow. A great favorite.
Liveland. Tender and juicy; medium size

At Galloway's Rock-Bottom Prices

The Cherry is one of the most ornamental of our fruit trees, which, with its delicious and refreshing fruits, makes it essential in every home planting. MONTMORENCY—Early, red, large, best Mont-orency strain. Rich acid flavor; late June. EARLY RICHMOND—Excellent for cooking, me-um size, red, juicy, fine acid flavor. Hardy.

Prices on above: 3 to 4 ft., No. 1 trees, 500 each; 10 for \$4.25; 100 for \$37.50, by express.

#### CHOICE PLUMS

#### The Best That Can be Produced At the Lowest Possible Prices

There are no trees that produce such excellent fruits for canning, preserving and the like, and their fresh fruits in season are delicious. Plant several varieties for best production. Following are the hest and hardiest varieties, which we recommend to our customers:

#### NATIVE PLUMS

DAISY—Best all American Plum, extremely large, purplish red, hardy, firm fiesh of finest flavor.

TERRY—Very large Plum, hardy, and of highest quality. Red Red.

#### HANSEN'S PLUMS

HANSEN S FLUMS

HANSKA—One of the famous Hansen's Plums, extremely large, bright red color, with fine apricot flavor. A great producer. Very hardy.

SAPA—Rich purple color. Fruit large, fine quality. A prize winner. Hardy.

WANETA—Prof. Hansen's masterpiece in plums. Enormous size, splendid producer, extremely hardy, and of wonderful flavor.

KAGA—Similar to Hanska in color and size. Superfine flavor.

Superfine flavor.

Prices on both Native and Hansen's Plums: 4 to 5t ft. average, 65c each; 10 for \$6.00; 100 for \$50.00; by express.

#### **Blackberries**

ELDORADO-The finest of all hlackherries. Ber-

ries jet black, sweet, large, and very inviting flavor. Good keepers; good shippers; heavy producers.

Frices postpald, 12 for 85c; 25 for \$1.25; 50 for \$2.75. Customer pays express, 100 for \$4.75; 1,000 for \$42.50.

#### Dewberries

LUCRETIA—Somtimes called trailing berry; very hardy and productive. Fruit highest quality, large, sometimes 2 inches in diameter. Two weeks earlier than hlackberries. Sells good on market.
Postpaid prices, 12 for 75c; 25 for \$1.25. Customer pays express, 50 for \$2.25; 100 for \$4.00; 1,000 for \$35.00.

### Small Fruits to Complete Your Garden

**GRAPES!** GRAPES!

CONCORD—Most popular hlack grape grown. Large, round, very productive, sweet flavor. Hardy. No. 1, 2-year plants, 12c each; 12 for \$1.00; 100 for \$6.00; 200 or more at \$5.50 per 100.

AGAWAM—Best variety of red grape; tender and juicy, rich and sweet. Hardy, Strong, selected 2-year plants, 25c each; 10 for \$2.25; 100 for \$18.00.

MOORE'S EARLY—Large grape, fine quality, Good, hardy, Delicious flavor. 2-year No. 1 plants, 20c each; 10 for \$1.50; 100 for \$13.50; 200 or more at \$12 per 100.

NIAGARA—The hardiest white grape grown. Flavor sweet and pleasant. 2-year, No. 1, 20c each; 10 for \$1.50; 100 for \$12.00; 200 or more at \$10.00 per 100.

(If grapes are desired hy parcel post, add 10c to the ten rate and 50c to the 100 rate to cover cost of packing and postage.

SPECIAL! GRAPES

EXTRA SPECIAL OFFER OF NO. 1, 2-YEAR SELECTED HARDY STOCK

- 6 Concord Grapes (black) 3 Moore's Early (black) 4 Agawam Grapes (red) 4 Niagara Grapes (white)

This bargain will go like wildfire, so get our order in early. No changing or substiyour order in early. tution. Sent postpaid.

#### STRAWBERRIES

SENATOR DUNLAP—The finest of all spring-hearing strawherries. Fruit extremely large, rich red color, and of superfine quality and flavor. Fruit firm; splendid keeper and sbipper. Heavy producer. Postpaid prices, 50 for 75c; 100 for \$1.10.

Purchaser pays express, 100 for \$1; 500 for \$4.25; 1,000 for \$7.50.

DR. BURRILL—This is the famous million-dollar strawberry. Fruit very large, dark red; herry stands shipping unusually well. Starts hearing a little later than the Dunlap.

Postpaid prices, 50 for 75c; 100 for \$1.10.

Purchaser pays express, 100 for \$1; 500 for \$4.25; 1,000 for \$7.50.

PROGRESSIVE EVERBEARING—Strong and absolutely hardy, Highest quality, bright red, fine keeping herry. Good producer. Keep blossoms and runners pinched off the year you plant them until last of July. Plants will then he in shape to hear a good fall crop.

Postpaid prices, 50 for \$1.25; 100 for \$2.10.

Purchaser pays express, 100 for \$2; 500 for \$6.75; 1,000 for \$12.50.

MASTODON STRAWBERRY

Wonderful, Newly Developed Strain. Get the Genuine

Wonderful, Newly Developed Strain. Get the Genuine
MASTODON—The wonderful new Everbearing Strawberry. Enough
cannot be said for it. Under ordinary field culture it has produced at
the rate of 350 16-quart crates per acre the same year it was planted. Its
great size and luscious flavor are greatly in its favor on the market. It
will bring far hetter prices than the older everhearers hecause of its heauty
and enormous size. It is unapproachable; you should start your Mastodon
bed at once—it will reap fine profits for you.
Postpald prices, 25 for \$1.00; 50 for \$1.75; 100 for \$3.25.
Purchaser pays express, 100 for \$3.15; 250 for \$6.50; 500 for \$12.



#### Raspberries

THE FINEST OF THE TESTED VARIETIES

THE FINEST OF THE TESTED VARIETIES
ST. REGIS (Everbearing)—Red. Remarkahle
red berry, which will yield fruit first season. Though
not large, herries are of excellent quality and firm.
Ripens early, plant hardy, excellent canner.
CUTHBERT or QUEEN OF THE MARKET—
Red. Remarkahly strong and hardy. Stands northern summer; equal to any; very karge, rich crimson
color, excellent quality. Good shipper.
CUMBERLAND—Black. Largest of all hlack
caps; firm, fine shipper, profitable for market;
healthy, vigorou grower, perfectly hardy. Fruit
nearly 1 inch across; very prolific yielder.
Postpaid, 12 for 65c; 25 for \$1.25; 50 for
\$2.30. Customer pays express, 100 for \$4.00;
1,000 for \$35.00.

#### **GUARANTEE**

We guarantee stock to reach purchaser alive and in growing condition. Any tree or plant that dies the first season, we will replace at one-half price, customer to order for replacement before October 10th, following date of purchase. We guarantee all nursery stock to be true to name, and absolutely as represented. TERMS OF SALE. All our nursery stock is sold under the guarantee given above. NO ORDER ACCEPTED FOR LESS THAN \$1.00.

We require cash with every order. No C. O. D. orders accepted. If nursery stock is ordered by parcel post we will send as directed if possible, but reserve the right to ship by express if advisable.

ABOVE PRICES ON ALL RASPBERRIES

#### EXTRA SPECIAL WINDBREAK **BARGAINS**

NO. 1

#### 100 Norway Spruce

12-18 in. size—twice trans-planted. Good even run of fine

\$13.50 Postpaid

NO. 2

#### 100 Norway Spruce

18-24 in. size—twice transplanted. Special picking of nice heavy stock.

\$21.50 Postpaid

50c

12

Galloways' Superb Flower Garden Collection

1. Asters 5. Cosmos 9. Mignonette 2. Antirrhinum 6. Dianthus 10. Pansy 3. Balsam 7. Eschscholtzia 11. Poppy 4. Candytuft 8. Marigold 12. Zinnia Full Size Packets of Select Varieties for

The prettiest and most popular flowers. Assortment lasts from early spring until late fall. A double set of this collection for \$1.00 will give you the most flowers and the biggest value you ever had in your life. Sent postpaid.

**Packets Vegetable** 

Seeds

#### GALLOWAYS' HARDY EVERGREENS

For the Finest Windbreaks and Landscape Groups



NORWAY SPRUCE

NORWAY SPRUCE

The Most Popular Evergreen in Existence for Windbreaks, and One of the Finest for Ornamental Planting
The Norway Spruce well deserves its widespread popularity, for it makes a most heautiful windbreak or shelter belt, and with its compact, heavy growth clear to the ground, provides a complete shelter to the buildings and grounds back of it. Its foliage is a lovely dark green; needles short and stiff. It is a symmetrical grower, somewhat pyramidal in form, and unusually compact. It thrives in a great variety of soils, and is hardy almost anywhere. The graceful, symmetrical, tapering form, and abundant green foliage of the Norway Spruce make it so desirable for ornamental work.

3 yr. seedlings, averaging 4-8 in. high, 25 for \$1.50; 50 for \$2.65; 100 for \$5.00.

(If desired by parcel post, add 10c extra).

10 50
12-18 in., twice transplanted.
2 to 2½ fit., twice transplanted.
3 yr. seedlings, averaging 4-8 in. should go by express.)

COLORADO BLUE SPRUCE

This magnificent evergreen has silves bluish tints in the summer.

Color. Late. A very choice sort. 80d 5c each.

ROSES FOR LOVERS OF COLOR AND BEAUTY

ROSES FUK LUVEKS OF COLOR AND BEAUTY

(If Roses are desired by parcel post, add 5c each for packing and postage.)

Roses are the oldest and best loved flowers in existence. Plants should be trimmed back considerably when planted, and should be set in good, rich, well-drained soil where they will receive plenty of sunshine.

HYBRID PERPETUAL ROSES

Strong, field-grown, 2-year plants, 50c each;
3 for \$1.40; 10 for \$4.35

FRAU KARL DRUSCHKI—Large white rose; very popular.

ULRICH BRUNNER—Cherry red. Immense size; fine form.

WERICH BRUNNER—Cherry red. Immense size; flowers borne in clusters. Hardy, lovely.

Every one is big, full sized packet of the best variety, high quality vegetable seed. Early and late varieties—will keep you supplied with vegetables all summer. Special collection contains one packet each of the following:

1. Beans, Early Valentine
2. Beans, Select Golden
Wax
3. Beet, Detroit Dark Red
4. Cabhage, Galloways' Lightning
5. Carrot, Danver's Half Long
Wonder
17. Peas, American
Wonder
18. Pepper, Chinese tcion contains one packet

12. Lettuce, New York
13. Muskmelon, Osage
14. Watermelon, Tom
15. Onion, Prizetaker
16. Onion, Red Wethersfield
17. Peas, A merican
Wonder
18. Pepper, Chinese
19. Pumpkin, Galloways'
Sugar
20. Radish, New Saxa
21. Radish, New Saxa
21. Radish, Sparkler
22. Rutah a ga, Am.
Purple Top
23. Spinach, Bloomsdale
24. Squash, Imp. Hub25. Tomato, Ponderosa fine form.

GENERAL JACQUEMINOT—Brilliant scarlet crimson, very large and full.

PAUL NEYRON—Deep rose color. Largest variety in cultivation.

HYBRID TEA ROSES

Strong, field-grown, 2-year plants, 75 each;
3 for \$2.15; 10 for \$6.50

RED RADIANCE—Lovely rich red, long pointed buds. Ideal garden rose,
K. A. VICTORIA—The finest of all white Hybrid Teas.

Teas.
LUXEMBOURG—Rich bronze- yellow, delightfully Simpson 25 FULL SIZE PACKETS \$1.00, POSTPAID

TOLUMBIA—Beautifully formed buds of a lively pink, deepening as the bloom matures. Exquisite.

GRUSS AN TEPLITZ—Fiery red; fine free bloomer. Should be in every garden.

TRANSPLANTING DIRECTIONS—Plant seedlings or small transplanted evergreens at once. Do not expose roots to air or sun. Mud the roots thoroughly in thick mud puddle, and set deeply and firmly in good growing soil. Cultivate often like cabbage plants. Give seedlings partial shade for first two years, then transplant to permanent location.



COMMON CLIMBING ROSES

Strong, field-grown, 2-year plants, 35c each;
3 for \$1.00; 10 for \$3.00

Choice of Crimson Rambler (bright red), Dorothy
Perkins (shell pink), Excelsa (deep crimson), or White
Rambler (pure white). All have double miniature
flowers borne in clusters, Hardy, lovely,

SELECT CLIMBING ROSES

SELECT CLIMBING ROSES

Strong, field-grown, 2-year plants, 50c each;
3 for \$1.40; 10 for \$4.00.

PAUL'S SCARLET CLIMBER—The most gorgeous red imaginable. Strong, vigorous grower; a universal favorite.

CLIMBING AMERICAN BEAUTY—Large blossoms of deep pinkish crimson; delightfully fragrant. Abundant bloomer.

GARDENIA—A climbing yellow rose of rare charm. Stroug grower; free bloomer.

BABY RAMBLERS (Everyblooming)

Strong, field-grown, 2-year plants, 65c each;
3 for \$1.75.

CRIMSON BABY RAMBLER—Beautiful crimson color.

BABY ORLEANS—Geranium-red blossoms with white centers.

Garden Seeder and Wheel Hoe

#### Compressed Air Spray

5. Carrot, Danver's
4. Lightning
5. Carrot, Danver's
6. Cauliflower, Danish
Perfection
7. Celery, Golden SelfBlanching
8. Sweet Corn, Golden
Bantam
9. Cucumber, Earliest
of All
10. Cucumber, I mp.
Long Green
11. Lettuce, Black Seed
Simpson

Capacity 4 gallons. Fitted with ft. of absolutely straight sprayse and shoulder strap for carrys. Nozzle is automatic and shuts perfectly under any pressure A djustable to produce a straight stream or fog spray. Shipping weight 11 pounds.

(For mails hip ment include postage extra.)

No. 32D2

\$4.65

#### Easy Running Hoe

A favorite tool for garden work. Frame is steel with attachments to alter pitch of the tools. Handles of seasoned hardwood, reinforced and adjustable in height. 24-in. wheel with 1 ¼-in. tire, making it very easy running 32D240 — With





32D201—As ahove, with two wheels (56 pounds)..... 32D205—Seeder only, without tools (44 pounds).... 32D218—Cultivator without seeding attachment (32 pounds)..... 32D219—Cultivator less plows (31 pounds)..... 32D212—Two-wheel cultivator with tools shown (37 pounds).....

All prices F. O. B. Minnesota factory.

## Mays; FLEXIBLE LEVER All-Steel HARRO



The malleable hinge illus-trated can be furnished with any Galloway four section four section harrow at the quoted. price

Disc Sharpener Sharpens discs to 16" diameter. Accurately and straightens bent or warped ones. Double geared. Weight 45 lbs. F.O.B. eared. Weight
15 lbs. F.O.B.
llinois factory.
5D1—Hand machine
shown ... \$5.95
5D2—With pulley
for power .\$6.95
5D3—Regular cutters, each ... 35c
5D4—High sped cutters, each ... 55c

#### **Ensure Your Corn Crop Corn Planter Harrow** Pays for Its Cost in One Year

This harrow is quickly and easily attached to any corn planter, follows the wheels and thoroughly drags over planter tracks. It doesn't require any extra horse power. It covers all corn which the planter misses. It destroys planter tracks so birds and animals cannot follow up the row and eat seed. There is no washing out of seed. This harrow creates a dust mulch. Works on any ground, raises and lowers with planter front. Every part adjustable; fits any planter. Does not interfere with backing or turning around—automatically clears itself of trash. 75D25—Wt. 32 lbs. F.O.B. Waterloo, \$9.95 each.



#### Galloway Discs

Galloway discs are fitted with 16 in. heat treated blades. Noted for their high grade, temper and even turning. Malleable castings are used throughout except spacer spools and axle end washers. Special curved drawbars keep the gangs always level, rolling evenly without buckling or riding.

An adjustable center block on the drawbar is an improvement over the third lever for securing even penetration. Third lever priced below as an extra when desired. Furnished complete with tongue truck and four horse evener, except 3 horse evener with the 6 ft. size.



Cash Price \$42.90 46.70 51.35 55.50 60.00 65.25 69.85 Width of Cut No. of Discs 49D6 49D7 49D8 49D9 49D10 49D11 49D12 51.40 56.5